BIHAR PEASANT LIFE,

BEING

A DISCURSIVE CATALOGUE

OF THE

SURROUNDINGS OF THE PEOPLE OF THAT PROVINCE,

WITH MANY ILLUSTRATIONS PROM PROTOGRAPHS TAKEN BY THE AUTHOR.

Prepared, under Orders of the Cobernment of Bengui,

BY

GEORGE A. GRIERSON, B.C.S., M.A.S.B., M.R.A.S.,
PRELIEW OF THE UNIVERSITY OF CALCUTTAL PORNIAL PROBLEM AND MEMBURITANE MEMBURITY COLLEGE DAMES.

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Sir Augustus Ribers Chompson,

K.C.S.I., C.I.E.

IN GRATEFUL ACKNOWLEDGMENT

OF THAT COUNTENANCE AND ASSISTANCE WITHOUT WHICH IT WOULD

NEVER HAVE BEEN WRITTEN,

THIS BOOK

IS DEDICATED

BY

THE AUTHOR.

INTRODUCTION.

While this work-professes to be a catalogue of the names used by the Bihār peasant for the things surrounding him in his daily life, yet, in order to relieve the dryness which such a mere list would possess, the writer has attempted to give a description, more or less complete, of that life and of its character and incidents. The book is in fact a discursive catalogue, and it is hoped that it may serve as a solid foundation for more elaborate disquisitions on the Bihār raiyat and his surroundings.

Such a work as this is nothing if not accurate, and no ordinary pains have been spared to compass the greatest accuracy possible. Existing treatises on Indian rural life are not always trustworthy; and as it is impossible to tell what is and what is not correct in them, the writer has avoided taking them as the groundwork of his compilation. Every word in this book has been collected from the mouths of the people, and noted on the spot where it was spoken, either by the writer himself or by one of his assistants. When the work began to assume shape, it was carefully compared with every available book of reference, and where discrepancies occurred, they were either reconciled or explained. Finally the proof-sheets have been circulated to all the Bihār districts, and have been again checked on the spot by competent observers, different from the original persons who collected the materials on which the book was founded.*

So far, therefore, as its contents go, this book may claim to be entirely original, and the writer hopes, to a certain degree, accurate. No originality can, however, be claimed for its general system and arrangement. This is closely modelled on Mr. Creoke's "Materials for a Rural and Agricultural Glossary of the North-Western Provinces

^{*} The writer would here tender his thanks to the various district officers of hinar, who have spared no trouble in having this local checking performed in a atisfactory manner. The amount of new information gained, and of mistakes and nisprints corrected through their help have been reported as his

and Oudh." The writer has followed him very closely in the arrangement of his matter, and in many cases has not scrupled to use his very words when they were the most suitable that could be adopted. The vernacular words embodied in this book have in fact been brought together from two sources, viz. the writer's own private researches during the past seven years, checked and supplemented by actual translations of the words given by Mr. Crooke's work made by the writer's assistants once and sometimes twice over in every district of Bihar. It will thus be seen how much the writer is indebted to the latter gentleman. Mr. Crooke's book differed from the present work in being to some extent a compilation from existing dictionaries; and as these were not all of them as accurate as could be wished, it was impossible that it should not contain some mistakes. But as one who has probably worked through it with more minute attention than most people, the writer gladly bears witness to its general accuracy. This may be considered as really wonderful, when the extremely slovenly scholarship of some of the books on which Mr. Crooke had to depend is taken into account.

In the present work every native word is written twice over—once with accuracy in the native character for those who are able to read it, and once in the English character for those who are not acquainted with the Indian vernaculars. This transliteration does not pretend to be scientifically accurate. Such a transliteration with its discritical dots and dashes would only puzzle those for whom it is intended, viz. those who are ignorant of the language. All that has been attempted for them is to give them a general idea of the correct pronunciation of the words, without professing to tell them the exact pronunciation, which they hardly require, and which would be difficult to do. For these persons all that is necessary is that they should pronounce the vowels as in Italian, and the consonants as in English, and they will then approach sufficiently near to the way in which the natives themselves pronounce the words.† For those who are acquainted with the

^{*}Allahabad, 1879. Printed at the North-Western Provinces and Oudh Government Press. The writer would take this opportunity of acknowledging his indebtedness to Mr. Crooke for this really admirable work. Without it the present book could never have been written without an expenditure of labour which few district officials like the writer would have been able to bestow.

[†] The system of transliteration adopted may be briefly described as the Jonesian system, with every possible discritical mark omitted. In pursuance of this the cerebral letters are given no dots, and, as nearly every final vowel is long, the long mark has been omitted from final vowels.

vernacular languages, no instructions for pronouncing the words in their vernacular dress are necessary.

In quoting Arabic and Persian words in the Nägri character, the dots, which are sometimes used to indicate an original s, &c., are omitted, for the reason that the words are given as they are pronounced in Bihār, and that all the dots in the world will not make a Bihāri pronounce a's as other than j, or a sad as other than s.

In order to understand the meaning of the words which the writer has used to express locality, it is necessary to explain that, under the name Tirhut, he has included the whole tract which lies between the river Gandak on the west and the river Kosi on the east, and which is bounded on the north by the Nepal frontier and on the south by the Ganges. He, therefore, indicates under this term not only the districts of Muzaffarpur and Darbhanga, but also North Bhagalpur and North Munger (Monghyr). This was rendered necessary by the language of these latter tracts being practically the same as that of Darbhanga. By North-West Tirhut he means the Sitamarhi and Sadr subdivisions of Muzaffarpur; by South-West Tirhut, the subdivision of Hajipur; by North-East Tirhut, the Sadr and Madhubani subdivisions of Darbhanga and the Supaul subdivision of North Bhagalpur; and by South-East Tirhut, the Tajpur subdivision of Darbhanga. North Munger, and the Madaipura subdivision of North Bhagalpur. By North Bihar he means all Bihar north of the Ganges, and by South Bihar all Bihar south of it. When he speaks of the east or the west, the north-east or the north-west, he means, of course, the east, west, north-east, and north-west respectively of Bihar.

One more word of warning regarding these localities. When the writer says that a word is used in a certain place, he does not mean by implication that it is not used anywhere else. He means simply that the word has been noted by him in such and such a place, and not elsewhere. That it may be used elsewhere is very possible, and any notes on this or kindred topics addressed to the writer, care of the Secretary to the Bengal Government, Revenue and General Departments,* will be gladly welcomed.

Regarding the illustrations, they are all (with one distwo small exceptions) lithographed or cut on wood from photographs taken by

^{*} The writer would also suggest, as an excellent field for the discussion of an evarious points noted in this book, a magazine called Punjab Notes and Queries, litted by Captain Temple, Cantonment Magistrate, Amritsar. Although pubshed in and taking its title from the Panjab, this useful little work deals with ne whole of Northern

the writer, who is glad to be able to thank Mr. Schaumburg and the students of the Government School of Art, Calcutta, for the excellent pictures they have produced out of what, he must confess, were too often very indifferent photographs. The difficulties experienced by the writer in taking some of these pictures were great. The most ludicrous reports spread through the city concerning his work. The camera of course was looked upon as a fearful engine of destruction, and sometimes half an hour has been wasted in futile diplomacy to persuade an old lady to allow the lens to be pointed at her. Under these circumstances photographs had almost always to be taken by the instantaneous process, which, however certain it may be in the hands of the professional, frequently disappoints the mere amateur. The last photograph the writer took—that of a native house—was spoilt because the grandmother of the family refused to allow any of the children to appear in the picture, her reason being that the Government was building the bridge across the Gandak and wanted children to bury under its foundations. Just, however, as the plate was exposed, one of the little boys determined to immortalize himself, and leaped in front of the lens to the dismay of the female members of his family. He had his wish in appearing in the picture, but he was so near the lens that he covered half of it with his shoulders. On other occasions the writer was believed to be collecting carts and boats for the Egyptian war, or to be counting the wells in the country, because he knew a famine was approaching, and so on ad infinitum. However, the pictures were finally taken, and, such as they are, are certainly accurate representations of the originals.

In conclusion the writer has to draw attention to the thoroughness and accuracy with which his assistants Munshi Dilawar Ali and Munshi Moti Lal have done their portion of the work. The former has, the writer much regrets to say, died since the above was first written. The latter has been his assistant to the last, and the writer begs to record his high sense of his industry and intelligence, and to recommend his services to the favourable notice of Government.

ADDENDA ET CORRIGENDA.

A good many types have broken in the process of printing. Advantage is taken of this list of errata to add information obtained after the sheets went to press.

These addenda and corrigenda are printed on one side of the paper only, and can be cut up and pasted in the appropriate places in the

ook.

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3	5		समध र	•••	•••	समन्धर.
5		27	फक्षोदा, फक्षो	रा	•••	फडोड़ा, फडोरा.
10	16		दकीया	•••	•••	हिंच्या.
13	*****	63	फक्पा	•••	•••	फर्चा.
17	4		खाना	•••		क्षना.
21	4	*	चावक	***	•••	चाबुक.
22		113	बागग्डोर <i>bāg</i>	pdor	•••	बाग डोर bāg dor,
23	7 from bottom.	•••••	च्यावेंथाना	•••	•••	चक्क वें चाना.
24	8		बँतरकी	***		वें तंजी.
25	Last line of foot- note.	*****	१ के	•••	,	देखी.
26	*****	137	वप्रणी	• ••		भपग्री.
27	2		मबोब्र	***		नव्रेष्ट्.
34	2	*****	व्यूडिकारी	160		के दिश्वारी.
42	*****	23 0	पडें बर्	410]	पटेक्षी. ∰
44	******	238	युते, इते वाणि	äΪ,		कृते, इतंग्वनियाः
52	5	178744	टें क्षण	*** .		हें जुहा.
58	*****	317	चंबत ग्रा			बद्धारा.
63	5	*****	abbės screm	•••		upper roller.
63	Title of	illustro.	OWARKI	•	1	ארידו או פני א ואורי

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78	15	,4000	वस्रासः ,,,	***	वकरचा.
85		404	जक्दरा		जब्दा.
87	17		हरवग	gast e a	हरण्या.
"	29		गरीव	•••	गरीय-
95	1		तमास्त्राचा	•••	तमासवाचा.
"	2	•••••	तमाक्कवाका	•••	वमानुबन्दानाः
"	Last	*****	dornsa	•••	dorassa.
96	18	*****	nariyal	•••	nariyāl.
97	Last	*****	ਚਜ਼ਾਣ	•••	चसन्टी.
102	•••••	510	धीकरनी	• • •	घोकारगी.
103	•••••	5 16	संद्रा	•••	संद्रुगा.
105	•••••	538	चकर सान chakar san	•••	चकरण्यान chakarsā,
108	*****	558	thatherar	•••	thathera.
109	*****	567	चँटा, चुँटी		चूँदा, चूँदी.
110		570	नरि	•••	नरी.
111	•••••	572	निचास	•••	निविच.
,,		"	kumhaïn	•••	kumhaiin.
,,		575	मिँ दरी ,	•••	पिँ दुरी.
112	•••••	584	मग्रमा	•••	पचन्दा.
113	14		वर्ष	•••	ह र्र.
114	,	5 86	कामग्की	•••	कागण्जी.
117	1		कोचन्सूप kolsüp	•••	कोचग्तुप kolsup.
128		660	विरम्बरा birhara		विद्यारा birahra.
134		718	परिवा	•••	मदै याः
141	•••••	715	वत्रपंच	•••	मं वक्कष.
145	****	732	MITT jama	•••	जामा jāma.
152		759	₹87, ₹87 4	•••	बहुर, धुंबन्द.
153	7	4*****	उदरमा	•11	बदरना,
154		766	sari	{	eāri.

. Line.	Section.	For	Read.		
3 from bottom.	*****	विवर्षि <u>.</u>	विश्वतीः		
•••••	771	किंकिणि, श्रथ्य, र्वश्य	किंकिनी, शहर, ग्रंबर-		
2 from		119	• ••		
,	784a	Add—'A homestead is als			
•••••	786	After 'goriatta,' add—' or in goranti.'	a South Bhagalpur बोरप्ट		
12		For 'aft' read 'atl.'			
	794	Add—'Soil mixed with कॅकारोडिया kankrotiya, प्रमारीडी pathrauti in Sout	and hard rocky soi		
******	797	Before 'विश्वाकट,' insert '			
1	•••••	After 'chānch,' add-'or w	परस्ती pak parti.'		
	801	After 'melani,' add—'or किहा chitta,' and also add —'Irrigation from wells is के दिया चास kunriye chās in South Bhagalpur.'			
,	808	For 'That's howth' read '	e aral henwti.		
	812	Hor 'धन कियारी dhan ki dhankiyari.'	yāri' read 'धनरिकवारे		
	814	After 'alel bito,' add-'or	बेरी bero.'		
	"	After 'laugāchhi,' add' or	र गौगाकी naugāchhi.'		
•••••	815	Add,—'Land producing bro South Bhagalpur.'	ushwood is The jhanti i		
	818	After 'pharan,' add—'ar	ad in South Bhagalpu		
	827	After 'dahina,' add—'a	nd in South Bhagalpu		
•••••	828	For 'bhaunriga' read 'bh South Bhagalpur आखी 'chaumandi,' For 'ward after 'other names on lamii in South Bhagalpur	मेंत mando jot or चीनव ही 'read 'जना डेहो,' an crent are, 'add—'बमर		

Line.	Section.	
*****	830	For 'चेंगाप्रव' read 'चेंगाप्रव.'
Last .		For 'करन्की वाका' read 'करन्की बाका.'
	837	For 'साँक के ' read 'सांक्षक,' and for ' इंक्सिया ' read '', खें किया.'
2		After 'somata,' add-'or इर समीय har samaudh.'
	842	Add—'A ploughman who works for advances is বাঘাৰ saonkh in South Bhagalpur.'
	848	Add—' Manure is also called TT hūra in South Bhagalpur.'
	850	Add—'Heavily-manured land is also said to be पराप्रक patäël north of the Ganges.'
	856	Add—'Barren seeds are called and kubbi in South Bhagalpur.'
8		For ' बात्रर' read ' बाबना.'
	859	After 'barua,' add-'and in South Bhagalpur and kubbi.'
••••	862	After 'benga,' add-'and in South Bhagalpur विवर्गा bichra or विक्चर bihantar.
		For 'बीच्य्याद' read 'विच्य्याद.'
,**	864	Add—'The bamboo on which the seedlings are carried is called until dharangi in South Bhagalpur.'
******	866	Add 'Hoeing is called कॅबीनी kelauni or कमीनी kamauni in South Bhagalpur.'
******	867	After ' kelauni,' add-' or कमीनी kamauni.'
	871	For 'च्यानेदा' read 'च्यानेदार.'
	873	Add—' Cane-cutting is पतीर पारव pataur pārab in South Bhagalpur.'
	875	After 'agra,' add-'or चवन्ता alga.'
	1	For 'jhārjharāël' read 'jharjharāël.'
*****	. 887	Add—'Treading grain is दमारी damāki in South Bhagalpur.'

age.	Line.	Section.	
192	*****	888	Add—'The first treading out of the grain is also called च्या khūa or चोचा khoa, and the second treading चरण्यार tarjhār in South Bhagalpur.'
1)	3 from bottom.		For ' दोनाना dogha' read ' दोगना dogaha.'
.93	•••••	891	After 'च्या khūa,' add—'or कोमा khoa or पौर
.94	*****	89 4	Add—'Loose straw that has been threshed is मीदा mīra in South Bhagalpur.' After 'newāri,' add— 'or in South Bhagalpur गमोरी gabhauri.'
,,		895	Add—' बोरान ghoran is also used in South Bhagalpur.'
.95		896	After 'thathero,' add—'When applied to janera (holcus sorghum).'
, 9 6		902	After 'kurtāli,' add-'when between tenant and subtenant.'
98		911	For 'क्द कामन्त khūd kāsht' read 'खुराकामन्त khudkāsht.'
)01	•••••	915	Add—'A man irrigating is in South Bhagalpur
103		918	After 'dhurka,' add-'or चपन्हा upta.'
04		922	Add—'The spring is in South Bhagalpur also क्र bhūr or घोषा soa.'
08		939	Add—The 'wooden framework is called जनाव jalāla in South Bhagalpur.'
14	5		For 'guia' read 'gui.'
79		958	For 'gंचा' read 'gंचा.'
24	14		For 'witten' read 'witten.'
26	8 from bottom.	1	For 'na' read 'na."
38	4		For 'रक्टिंडा' read 'रक्टिंडा.'
>)	6		For ' दें ही ' read ' हैं ही.'
30		1001	For 'प्रशएस' read 'सराप्रव.'
47	10		For '1464' read '1458.'

Page.	Line.	Section.	
248		1050	For ' भीड bhit' read ' भीड bhith.'
253	5 from bottom.	•••••	For 'गबण्डका' read 'शैंबण्डका.'
273	****		In last column, for 'घसनी' ' read,' ससनी.'
274	10 from bottom.		For ' घवात' read' 'घावत.'
280	16 from bottom.		For 'बरसे' read 'बरसे.'
59	4 from bottom.	•••••	For 'चामवास' read 'चमावस.'
2 81	3		For 'neede' read 'need.'
2 90		1110	For 'et' read 'et.'
292	*****	1117	For 'trame' read 'merme.'
299	·	1147	For ' seart' read ' seart.'
300		1151	After ' kās charāi,' add—' काइ बराइ kāh charāi.'
310	13		For 'मङ्गाटी' read 'मङ्गाटी.'
"	15		For 'बरेन' read 'सैंबन.'
,,	17		For ' चोरा' read 'चारी.'
316	10 from bottom.		For 'sat takahi' read 'zart takhi.'
818	12 from bottom.		For 'बेयाको keyāli' read 'बेपाची keāli.'
322		12093	After ' rent-free,' add-' or revenue-free.'
323	8 from bottom.		For '1487' read '1482.'
330	. 2	······	For 'money rents are always assessed,' read 'extra money rents are assessed.'
333	8 from bottom.		For ' झाडनी' read ' काडनि.'
337	7	.,,	For ' बोबूझा ' read ' को बया.'
357	4 from bottom.		For ' में बराम्ड ' read ' में बृग्द (ख्.'
359	· · · · · · · · · · · · · · · · · · ·	1285	For ' sta' read ' stal.'
360		1288	For ' चका ' read ' चें का.'

Mage	Line.	Section.	
\$ 66	895+++	1323	Add at end of section—'and in West Tirhut ways lathangar.'
869	******	1338	Add at end of section—'and in West Tirhut विकासिक की khirkhiyauni.'
372	*****	1349	Add—'The ceremony of cutting the nails is called in West Tirhut কীয় ভিয়া nauh chhilli.'
389	4 from bottom.	•••••	For 'दोनी doni' read 'दौँनी donni.'
391	3 from bottom.	•••••	For 'nagra' read 'nagar.'
412		1461	For 'धारनिक' read 'धारनिक.'
	APPENDI	X.	
2		No. 2	For 'स्वसन्दा' read 'खसन्दा.'
**		No. 2a	For 'गफ अन् अजूद' read 'गञ्ज अफ जूद.'
14		14	For 'am' read 'am.'
		15	For 'agi' read 'agi.'

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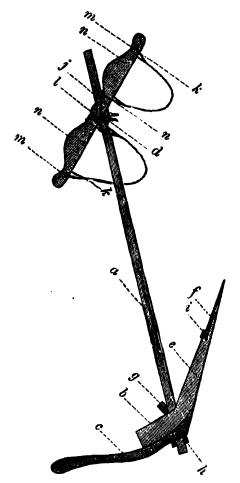
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The Country Plough.

(Note.—The front portion of the body is given in section, so as to show the position of the share.)

DIVISION I.

IMPLEMENTS AND APPLIANCES

USED IN

AGRICULTURE AND RURAL MANUFACTURES.

SUBDIVISION I.

IMPLEMENTS USED IN PREPARING LAND FOR CULTIVATION.

CHAPTER I.-THE PLOUGH.

- 1. The ordinary country plough is generally known as we har. Sometimes the Hindi form of the word, we hal, is used. In Gaya the word wing langal is also used.
- 2. चिनोरी khinauri is used for an old or worn plough. In the South-East and in North-West Tirhut this is देवी thenthi, and generally over North-East and South Tirhut देवा thentha. In Shahabad it is खुटचारा khutahra. A new plough is जवादा nawtha or जीटा nautha to the west, जवादा nawghar in Champāran, and खुटारा kautha generally over North-East and South Tirhut.
- 3. In West Bihār and South Bhagalpur पाँगह sānga, and in South Munger पाँगह sāngah, mean the plough and all its appurtenances, as in the sentence पाँगह (or पर पाँगह) छने चान विचार sānga (or har sānga) lene āw bahiyār,—bring the plough, &c., to the field.
 - 4. The various parts of the common plough are as follows:-
- 5. The beam (a).—North of the Ganges this is with haris, and so also in Shahabad. In East Tirhut it is also called with haris. In Patna, Gaya, and South Munger it is with sand. In South Bhagalpur it is to is. With haris is, however, understood more or less everywhere.

- 6. The body (b).—This is everywhere **T** har.
- 7. The handle or stilt (c).—In Shahabad and north of the Ganges this is used parihath; in the eastern portion of the latter tract it is also used lagan. Used lagan is used in South Munger, Patna, and Gaya, and attendance in South Bhagalpur. In South-Western Shahabad used parihat is used. The knob at the end of the body near the handle is in Patna used. The knob at the end of the body near the handle is in Patna used chandwa, in Gaya used chandi, north of the Ganges and in Shahabad us muth (or in the south-west of the district used chandwi), and in the south-east used muthiya. In South Bhagalpur used makri is a piece used for mending it when broken. The first, second, and fourth names are only used if it is a separate piece of wood.
- 8. The notches on the beam (d), by which the share is raised or lowered.—In Sāran खेड़ा kherha, in Gaya खेड़ी khenrhi, and in Shahabad खेड़ी kherhi. In Patna they are चेचा kheha, in Champāran चाला khāta, and throughout Tirhut चाड़ी khārhi. In South-East Tirhut it is also चड़ाचा kharha, and in South-East Bihār चाड़ा khonrha or चाड़ kārh.
 - 9. The sole (e), in which the share is fixed.—

In West Bihār it is তাৰ tor or তাৰো tora. In East Bihār it is সাম nās or সামা nāsa.

North of the Ganges the thicker end of the sole is called win manth or will mantha.

- 10. The share (f).—Everywhere with phār. In North-East Tirbut also with phāra or with phāla, and in South-East Tirbut also with lohāma.
- 11. The wedge fixing the beam to the body (g).—North of the Ganges and in Shahabad and South Munger this is The pāt. Variants are The patta (Gaya), The pāta (South Tirhut and Patna), and The pāto (South Bhagalpur).

A second wedge is sometimes added, which is known as second chaili everywhere north of the Ganges and in Gaya and the southwest, and also as second chelkhi in South-East Tirhut. In East Tirhut it is also called second cheri. Another name is user pāchar (in North-East Tirhut and Shahabad), or user pachri everywhere south of the Ganges. In South Bhagalpur it is called second upar pāto.

12. The peg (h) passing through the shaft at the end, to prevent the body coming off.—This is across barain generally, or and barain

in Champaran and Tirhut; the latter is also used in South Munger. Other forms are, uta baren in North-East Tirhut, access barhan in Saran, utal baraini in Patna, and uta baran in Shahabad. Other names are un utau sabh dhariya, un utau sat dhariya, in Patna, and unux sabhdhar in Gaya, because it holds the whole plough together. Also utau taraila in South Bhagalpur, utali taraili in South-West Shahabad, and unux humna in Patna.*

- 13. The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) for preventing the share falling off.—

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 **The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) for preventing the share falling off.—

 **The iron clamp (i) karuāra everywhere to the west. A variant is always to the west. A variant is also called the west. A variant is also called the iron called the iron clamp (i) falling iron karuāra everywhere to the west. A variant is always the west. A variant is always the iron called the i
- 14. The yoke.—North of the Ganges always unit pālo; so also in Patna, Gaya, and South Munger, with a variant unes pāla in South Bhagalpur. In Shahabad and Gaya the word is generally unit, which is also sometimes used in Sāran and the east. Sometimes it is made up of two bars. The upper bar then is considered the yoke proper, and is hence usually called the unit juāth. The lower bar is generally accident tarsaila.

This double-bar arrangement is not commonly found in the plough yoke. It is more usually met with in the yoke for well irrigation (wis mot); so also the two following pins. As a general rule with pālo or water juāth (according to locality) may be safely used for the single-bar plough yoke and for the double-bar irrigation yoke, and sate jūa for the single-bar cart-yoke. See § 938.

- 15. The outer pins, which join the two bars of the yoke, are चैका saila or बनेख samail to the west and कनेख kanail to the east. They are also कन-विद्यो kankilli in South Bhagalpur.
- 16. The inner pins are समेख samail or (Patna and the south-east) समेखा samaila and (Gaya) समेखा samaiya.
- 17. The leather thongs (j), which attach the yoke to the beam of the plough.—These are from Patna to the east of the South Gangetic tract, and in Champaran, with a variant scal larni in

^{*} About ছুনানা humna there is a story of a John (the proverbial fool of Bihār stories) who found a humna on the road and cried out in his foolishness पार्शी হব ল'বা, জীবীকাৰে ৰ্লাফ pāon har ke humna, kheti karab banāy,—I have found the rear peg of a plough, I'll turn a farmer at once.

North-West and South-East Tirbut, and optionally size laran in South-East Bihār. With nādha and at an naraili are used in Shahabad, and variants of the former word occur in seven ladha (South-East Tirbut), and at ladha or with ladha (North-East Tirbut), and at ladha or with ladha (North-East Tirbut), and at ladha is also used in Gaya. It is har nādha in Sāran is only used when they are of string. When they are of leather, in that district they are called sure duāli. South Bhagalpur has attal donra or but ledha.

- 18. The ropes (k) which go round the bullocks' necks.—These are everywhere except in the extreme west জালা jōti. In the extreme west (Sāran, Champāran, and Western Shahabad) the masculine form, জালা jōta, is the usual one. In North-East Tirhut they are also আৰো samel or আৰু samail, and in South Bhagalpur আৰু phansa.
- 19. The projecting knob (l) in the middle of the upper part of the yoke.—Round this the thongs which fasten the yoke to the beam are fixed. This is everywhere महादेश mahādewa. Variants are महादेश mahādeo (Patna and Gaya) and महादेश mahādewa (South Munger). In South Bhagalpur it is मॅंगान्या का manjhwāra.
- 20. The notches (m) near each end of the yoke.—To these the ropes which go round the bullocks' necks are fixed. These are with khānri in Patna, with variants with khārhi in South-East Tirhut and with kherhi to the west. South-West Shahabad has with khaddhi. In Gaya the word used is wall kanausi, and in South Bhagalpur that khāta, while that simal or mais nakti are optional names in South-East Tirhut.
- 21. The leaf of the yoke (n).—This is पत्ता patta, पदा palla, or (in South Munger) पदार palai and (in Sāran) पाता pata.
- 22. The trough in which the share lies when fixed in the body is khol, or in South Bhagalpur with kholi.
- 23. The bamboo whip with which the bullocks are driven is day pains, and its lash is two chhiti in North-East Tirbut. Other names will be found in § 98 and ff.
- 24. A drill plough.—This is generally at tar, with variants in South-East Tirhut at tarri and at tor in South Munger. The share is a track $tars\bar{u}i$. The share is a track $tars\bar{u}i$. The bamboo pipe is in West Bihar at tarri t

The cup at the top, into which the grain is poured, is in West Bihār with māla or west malva. In East Bihār it is wer paila (sometimes spelt west païla or word paëla) or with māli. In South Munger it is also ward ukhri, and in Patna ward akri.

25. The sharpening of a ploughshare is called as follows in the various districts:—

Shahabad: बार पिटावस dhār pitāwal; or in the south west of the district बार परकावस dhār phargāwal.

Patna: बार बनन्तापन dhār asrāëb.

Gaya: चचार asar.

South Munger and South Bhagalpur: भार पजार dhâr pajāw or

North of the Ganges generally: भार पिडावस dhâr pitāwal.

Also, North-West Tirhut and Saran: भार पिकावस dhar pijawal.

North-East Tirhut : भार पनापन dhar banaëb.

South-East Tirhut: पार करा जाएन phär karā lāëb.

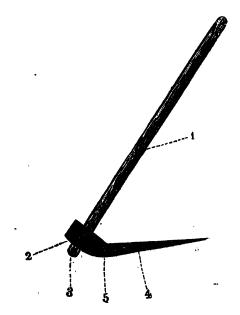
26. When a man wishes to plough deep he harnesses the yoke higher up the beam in the notches (d). This is called in West Bihār angār. In North-West Tirhut it is called wate lagār, and in the rest of Tirhut are tarakh. In South-West Shahabad it is called water awāë, in South Munger step thārha, and in South Bhagalpur step thārha. Light ploughing is done in the converse way, and is known everywhere as are sev, or in North-East Tirhut are seb.

CHAPTER II.—MATTOCKS AND SPADES.

- 27. A large mattock is in West Bihār and Gaya with phaura. Variants are with phahora (Patna and Gaya), with phahora (South Munger), with phaöra (Patna and Gaya), and west phahura or west pharuha in Shahabad. In South-West Shahabad it is with pharsa. In Tirhut it is great kudār, and in South Bhagalpur and South Mungēr with kodār. Another name current in Gaya is with jhām or with jhāma. In the same district with abhi is a heavy kind of wooden spade tipped with iron for hard soils, and wood khurni or well khudni is a kind of spade.
- 28. A mattock with a narrower blade is क्यारी kudāri, बोदारि kodāri, or कोदारी kodāri. South of the Ganges it is also क्याकी kudāli.

जुदाद kudāl and जुदार kudār are often used to signify also the smaller variety. In South Bhagalpur it is देशे बॉदार thenthi kodār.

29. The hardle is we bent, and the upper end of it, which projects beyond the socket, Tt hara or Thur, or (in South-West Tirbut) बुडा mutha. Other names for this end are एड़ा era or बड़ानी arani, and in South Bhagalpur was pata. The ring or socket in the blade, to which the handle is fixed, is use pas or user pasa (or in South Bhagalpur पाची paso). In South-West Shahabad it is पंचारी pamwānri, and in South Munger (optionally) quist pasata. The curved part of the blade is in Saran and Patna with phari. Elsewhere, north of the Ganges and in South Munger, worth pharki. In Patna and South Munger it is also called we phal, in South Bhagalpur wit phare, and in Gava चारी phāri. In Shahabad it is चार dhār, and in the south-west of the district was damph. The place where the ring and the blade meet is and kanthi in Patna and Gaya, and nahin in Shahabad, va san or and kanth in South Bhagalpur, and we sun in South Munger. In Saran the part of the handle which is grasped is as muth, and the corners area kāna. A new mattock is नवन्यर nawghar, and a worn one टेंडी thenthi.



^{1.} Bent (handle).

The Mattock (Phaura or Kodār).

^{2.} Päsa (socket).

^{4.} Phari (blade).

^{5.} Kanthi (neck).

^{3.} Hūra,

CHAPTER III.—THE HARROW.

- 30. This is usually the flat plank, with (in the east) a grove along the underside. It is dragged along the ground to break the clods after ploughing, while a man stands on it to give weight. In West Bihār and in South-East Tirhut it is called चार henga, and in East Bihār more usually वीको chauki or चीको chauki. In Patna it is also called चिकाने silve, पराने patve, or चनानारी lagāwri.
- 31. When drawn by one pair of oxen—one ox at each end—it is called हैंगी hengi in Champāran, दुगोद्दी dugori in Tirhut, एक परा ek hara in South Bhagalpur, and दोवरादा dobarda elsewhere. When drawn by two pair of oxen—one pair at each end—it is called in North-East Tirhut चीगोद्दा chaugora, in the rest of Tirhut चरागोरी chargori, दो परा do hara in South Bhagalpur, and elsewhere चीवरादा chaubarda.
- 32. The pegs to which the hauling ropes are fastened are generally with khūnti. In Shahabad they are also called is sanrusa, and in the south-west of the district was gulli. In Gaya they are a baunkha, in Patna and South Munger areas bahkha, and in South Bhagalpur ankora.
- 33. The hauling ropes are, north of the Ganges generally, and in West Shahabad, and barhi. North of the Ganges they are also with hengahi. In Shahabad chains used for the purpose are stat sinkar, and in Patna and Gaya sikar when used with four bullocks abreast. These words are also used in North Tirhut. In Patna they are also बारन chauk nāran when of rope. In South-East Tirhut they are also called महिखर marikhar, and in South Bhagalpur अगरडोरी jagdori. In South Munger they are when made of chain, and without marikhar when made of rope, and water majhautar is the rope or leather strap joining the two yokes when four bullocks are used. So also in Patna and Gaya. The last word is water majhotar in East Tirbut. In East Tirhut, when made of leather they are called मेरन mairan or सेटन merhan, and when made of rope acres barha or acres barhi. Sometimes long strips of bamboo are made to serve as hauling ropes. They are then called in South Munger seed kudandi, in South Bhagalpur वसन्त्रोनी bansjoti, and elsewhere बरीबा arau.
- 34. The channel in the lower part of the plank to break the clods is in South Bhagalpur and ghaghri or at ghai, in South Munger and khadha, and elsewhere and khadha. The channel is generally the

hollow of the stem of the talipot palm, the harrow being composed of the split half of a log of that tree.



- 1. Henga (harrow).
- 2. Khūnti (pegs),
- 3. Barhi (ropes).

The Harrow (Henga or Chauki).

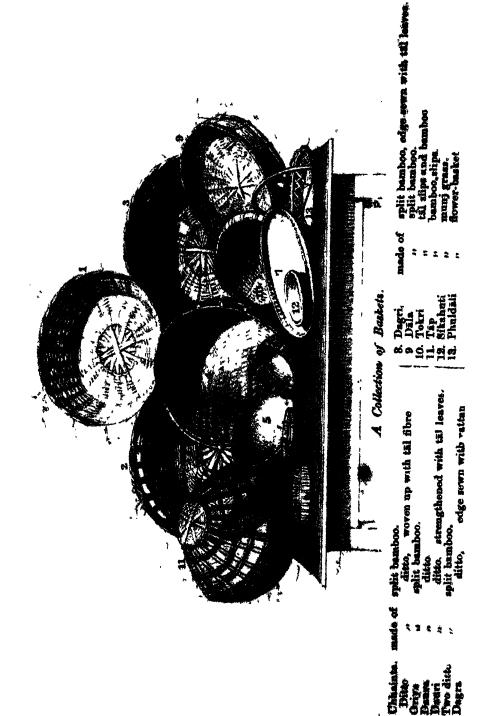
- 35. The cylindrical roller is rarely used in the field. It is called everywhere by a corruption of its English name, viz. रोस rol. The block itself is called पना palla (Patna), कड़ी kari (Gaya), प्रकाटा ektha in Shahabad, and सकड़ी lakri in South-West Shahabad. Elsewhere it is simply चौकी chaunki or चौकी chauki.
- 36. Sometimes the harrow is made of two parallel planks joined together. This is called ভাৰা henga or ভাৰা chauki, &c., as above.

CHAPTER IV.-RAKES USED IN FIELD WORK.

37. Rakes are seldom used. Sometimes a bundle of thorns is dragged over a field to soften the surface when it has been baked hard by the sun after rain or irrigation. This has no special name. In parts of Tirhut the कवा kanta or कवोरानी khakhorni is a sort of rake or harrow worked by oxen to loosen the soil and extricate weeds from a crop of young rice. A प्राथिश pachphariya or (in Sāran) गेंक्सनी gelhni is a kind of plough with five shares used in indigo factories.

CHAPTER V.-PICKAXES, PITCHFORKS, &c.

- 38. A pichaxe.—North of the Ganges this is নীৰা gainta, south of the Ganges it is নীৰা gainta or নীৰী gainti. In South Bhagalpur it is নীৰা gaincha, and in South Munger নাৰা gāta.
- 39. The dredger, used in well-sinking, has various names. In Shahabad, Sāran, and South Tirhut it is seem chalma, and in Champāran



नराजी tarchhi. In North-East Tirhut it is जीडी chhīti, जहाजी kathuli, or पश्चिम pathiya. जीडी chhīti is also used in South-East Tirhut, where also occur कडावन kathwat and (also in Shahabad) नगाड़ी tagāri. Elsewhere south of the Ganges it is गैना gainta or जनी khanti, and in South Munger जीडा chhīta.

- 40. The pointed iron spear for tapping the well-spring also has various names, viz. खुखा khunta north of the Ganges generally, मजाइंग gajāra in Sāran, and जोभानी gobhni in South-West Tirhut. In Gaya it is जोभाना khobhna, and in Shahabad जोभन khobhan, but in the south-west of the latter district it is जाराइंग larha. In South Munger it is जेमन debhan, and in South Bhagalpur it is जजाइंग gajāra or जानी khanti.
- 41. The hooked stick for pulling down fruit from trees is generally जगा lagga or कमी laggi. The hook of this is चंत्रसी ankusi or (in South Bhagalpur) कामी kāni. The long pole with a small net at the end to catch the fruit as it falls is भोषा jhola, बॉपी khonchi, or (in Sāran) भोरा jhora. Another optional name in South Munger is जग्रस्करी jalkhari.

The short stick thrown up into fruit-trees to bring down fruit is দাহাৰা jhatha, and also (in Sāran) অৰুষী lagūsi.

SUBDIVISION II.

IMPLEMENTS USED IN SOWING, WEEDING, AND IRRIGATION.

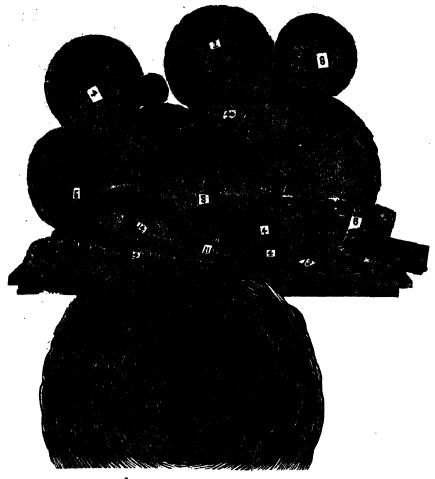
CHAPTER I.—BASKETS.

- 42. Baskets are generally woven of bamboo slips or twigs. Unless otherwise stated, this may be assumed of all the following.
- 43. Baskets used specially by the sower are called generally with ora, ora, or effect origa (sometimes made partly with the fibre of the leaves of the tal palm); also we meet, to the west, well chhainti, and to the east eler chhita (a large one), eler chhita (a small one), or electric dauri. South of the Ganges they are also called in Patna est batta, (also in Shahabad) eler daura, or electric dauri (sometimes made of the culm of the sik grass, andropogon muricatum), in Gaya (also in North-

East Tirhut) पश्चिम pathiyu (also used for feeding cattle), and in South Munger देखिया khanchiya. The only difference amongst all these is that in the case of the दोरा daura and दोरी dauri the bottom is woven of bamboo slips, like a mat.

- 44. There are likewise several other kinds of baskets, used indiscriminately for this and other domestic and agricultural purposes. Thus, small straw grain-baskets are चंगेसी changeli or चॅंगेरी changeri, and sometimes stell dali or steel daliya, especially towards the east. In Patna and South Munger they are called बडारी batri. very similar basket (but still smaller) is called very generally भौती maunni or मौनिया mauniya, also बद्दा batta in Patna, Gaya, and South Munger, and man phuluki in East Tirhut. A large open basket made of split twigs of bamboo generally woven up with the fibre of the leaves of the tal palm is called class tokra, sial dhaka, sial dhāki, चोड़ा ora, or हैंटा chainta. A smaller variety is called गाँका gānja, बोकड़ी tokri, दकीया alhakiya. When the bottom is very finely woven, so as even to hold water, it is called चोइंसा oraisa. The धामा dhāma is an open basket made of rattan. The देंचा khaincha or बाँचा khāncha is a large coarse basket made of twigs of cytisus cajan (rahar) or tamarisk (jhāü). South of the Ganges we also find देशी deli. A smaller basket of the same kind is known as with khānchi (also with khānjhi in North-East Tirhut), खँचिया khanchiyu, खचीसी khacholi, पश्चसी pathuli (Gaya), नोनीचारी nonihāri (Patna), or (South Bhagalpur) इमन्चरिया damhariya. The डगरा dagra, डगरी dagri, also called south of the Ganges दौरा daura, दौरी dauri, or (in South Bhagalpur) जाना dāla, is a large shallow basket. These are all made of either bamboo twigs or slips, except the sty daura or sty dauri (see above). In Shahabad कर्द karui or डोकी doki, and north of the Ganges विकासनी sikahuti or स्विती sikauti, is a little basket made of the stalks of the mūnj grass.
- 45. A broken basket is दिसानी chhitni, or in Gaya दतना chhatna, or in South Bhagalpur दिसाना chhitna.* The भाँपी jhampi or भाँपया jhampiya is a little basket with a lid. It is also called पौती pauti or पौतिया pautiya (being then egenerally made of mūnj grass) and पटारी petari (made of bamboo or rattan). A larger kind is called भाँपा jhāmpa. The lid of all these is called पंचानी pehāni or भाँप jhāmpa. देवा thaicha or चाँचा changor, or in Shahabad देवा thaincha or चाँचा thincha, is a kind of large open basket. प्रमाणा phuldālī is a flower-basket.

^{*} A common curse amongst Gaya women is विकामी बहानी कागी chhitni barhni lāqau,—may your wealth be swept away.



From a photograph.

A Collection of Baskets and of Other Articles of Basket-work.

- Oriya.
 Chhaintas of various sizes.
 Daura.
- 4 & 4a. Dauris of various sizes.
- 5. Deli. 6. Khaincha.
 - 7. Tap.
 - 8. Tokri.
 - 9. Dagri.

 - (Winnowing sieves).

 - Dagra.
 Tarāju (scale-pan).
 Kolsup.
 Sūp.

 (Winn) 14. Chaini (sifting sieves).

MATERIALS.

- Nos. 1 and 8 are made of split bamboo twigs, woven up with the fibre of the leaves of the tal palm.
- 4a, of the culm of the sik grass (andro-
- pogon muricatum). 5 & 6, of tamarisk (jhāŭ).
- 7, of rahar (cytisus cajan).
- 11, of bamboo twigs.
- 13, of sirki (the upper joint of saccharum procerum).
- The rest are of bamboo slips.

sirhath, and in North-West Tirhut screw sarhath. In Champāran it is screw kharhara, and in the rest of Tirhut scr kharra. South of the Ganges it is, in Gaya and South Munger, sar kuchcha, in Shahabad starkuncha, and in the south-west of the district screw kunchi or sethan. In South Bhagalpur it is wast jhatai or screw kharhara.

- 56. The broom used by grain-parchers for turning the grain which is being parched is आप jhāru in Patna and Gaya, पर्मी barhni in the south and east generally, पराचा larna in North-East Tirhut, चिपानी chhipni in South-East Tirhut, चर्चानी chalauni to the west of the North Gangetic tract, and in South-East Bihār भूजाना bhunjnāthi.
- 57. The long twig broom used for sweeping up leaves and rubbish is north of the Ganges, to the west, sinkarhara, and to the east sit kharra. South of the Ganges, in South Bhagalpur, it is static kharharo; but in Patna with jhānta, in Gaya with jhāru, in Shahabad sichat or with jhānkhi, in the south-west of the same district with jharna, and in South Munger with jhānta or weal jhataini.
- 58. To sweep is in Patna and Gaya बोचारच bohārab or बाइव bārhab; the former is also used in the south-east. To the west it is बचारक bahāral, and in Tirhut बाइव bārhab, भारव jhārab, or भारि सुरि देव jhāri jhuri deb.

CHAPTER III.—IMPLEMENTS USED IN WEEDING, &c.

- 59. The द्धारण khurpa is a sort of hoe used for loosening the earth round young plants or in weeding.
 - 60. Of this the iron blade is द्वारच्या khurpa, or in North-East Tir-



- 1. Bent (handle).
- 2. Khurpa or khurpi (blade).
- 3. Nar or danri (spike).
- 4. Sam (ferule).

The Hoe (Khurpa or Khurpi).

hut TIES pāsang. The handle is The bent. The iron ring-fastening in the blade is TIES sām or TIES sāmi, and also in Shahabad The churiya, and in the south-west of the district The spike of the blade which goes into the handle is north of the Ganges TIES nār, and south of it TIES nār or TIES danti or (South-West Shahabad) TIES dānri. Towards the east we find, north of the Ganges, an optional variant TIES lār, and in South Bhagalpur TIES lāru.

61. A smaller instrument for scraping grass or weeding is called,

when the blade is curved, and (south of the Ganges) when it is straight verel pasni. An optional name for the curved variety in Gaya is a straight bankua.

CHAPTER IV.—IMPLEMENTS USED IN CONNECTION WITH IRRIGATION.

- 62. The beds formed in a field for irrigation are called दियारी kiyāri. In South Bhagalpur they are called देवारी keāri. In South Munger गॅमरी ganrāri are smaller sized beds for the same purpose.
- 63. These are made with an implement with a handle and board fixed at the bottom, like a rake without teeth. This is worked by a single man, much as a rake is used. In the North-Western Provinces it is usually pulled with a rope, but not so usually in Bihār. It is called generally to the south of the Ganges was pharuhi, and in East Tirhut was pharuha. North of the Ganges, to the west, it is called was phahuri. In South Bhagalpur it is called was pharua, and in South Munger was pharhi. In Gaya it is called was penrni.
- 64. A wooden shovel used in distributing the water in a field is called war hatha or wan hatha. South of the Ganges it is also called with abha, in South Bhagalpur feet chhitta, and in South Munger kathaua.
- 65. Other appliances used in connection with irrigation from wells, tanks, or streams will be found in the chapter on irrigation.

SUBDIVISION III.

APPLIANCES USED IN FIELD WATCHING.

CHAPTER I.-THE SLING.

66. This is generally secure dhelmas or secure dhelwans. In Patna, Gaya, and (optionally) Shahabad it is also called secure dhenkwans. Another name current in Shahabad is seque dhekwas.

In South-East Tirhut it is also called देवीरी dhelauri. In Sou Munger and South Bhagalpur it is दिंदीर dinror. युरहेड gurdel to the east, युक्ती guleti is a pellet-bow.

CHAPTER II.—THE SCARECROW.

- 67. This is generally पूज dhūh, पूजा dhūha, or भुजा dhua. . Patna it is प्रतन्ता putla, and in Gaya दशी dhahi.
- 68. A scarcorow pulled by a string and hung on a tree is north the Ganges executed dhabdhabwa, executed thakra to the west, executed dhakdhakiya in South-West Tirhut, want akāsi in South-East Tirhu and elsewhere arranged tārak chhaja or yau dhuā. South of the Ganges it is in South-West Shahabad executed damhaua, elsewhe in the district executed damko. In Patna it is executed damkaul and in Gaya executed dhabkaua. In South Bhagalpur and South Munger it is executed or executed thakaua.
- 69. Cultivators also usually put an old black earthen pot in field to keep off the evil eye, which is called in Tirhut बोडःबा totk or in North-East Tirhut नोचा tauta. South of the Ganges ve find also डोडःबा totka, with variants डोडःबा totma (Gaya) and टोडः totwān (South Bhagalpur). In Shahabad it is called डोबा tona (बार गोजर najar gojar, and in South Munger बजर गुजर naja guyar. Another general name is करिखार डॉड़ी karikhāi hānri (बार बारिया karkhāhi hanriya, from करिया karikha or कराइ karkha, 'soot.' Local variants of this last word are बार खी karkhi (Shal abad), बारिय kārikh (Gaya), and कराजो karkho (South Bhagalpur). Generally this pot is marked with lime (पूजा chūna). Thus, a man of Ar would say इंदिया के करिया खाग के बुजा के डीक है के खेल में भे पावस जाका hanriy men karikha laga ke chunna ke tīk de ke khet men dhai āwal jālā,—h has come back after setting up in the field the pot on which he ha laid soot and marks of lime.

CHAPTER III.—THE WATCHMAN'S PLATFORM.

70. This is known as warm machan, with an optional variant with manch in the west.

- 71. The shed over the platform has various names, viz. north of the Ganges with jhompri and with khompri generally, with chhapri (North-West Tirhut), with chhapi (North-East Tirhut), and with lagauri (South-East Tirhut). South of the Ganges we have with chhapra to the west and was maruka and with chhapri to the east.
- 72. सब्द marai and also (in East Tirhut) बर्रा marra, गोचिया gohiya (South-West Tirhut) and पशानी palāni, is a shed on the ground without any platform.

SUBDIVISION IV.

IMPLEMENTS USED IN HARVESTING.

CHAPTER I.-THE SICKLE OR REAPING-HOOK.

These are either toothed or with a sharp cutting edge.

- 73. (a) With a sharp cutting edge.—These are everywhere देखन hansua. A kind with a heavier blade is called प्रवारम paghariya or प्रवचा pagharua, or बचारा badhra, बचारी badhri, बचारम badhariya, or बचार badhāru. It is also called in East Tirhut चैतिया sangiya, in South Bhagalpur दावड dāba, and in Gaya विद्यारी chilohi.
- (b) With teeth.—These are called ইনুৱা dantula, from হাঁন dānt, 'a tooth.' They are also called ইবিয়া kainchiya, of which কবিয়া kachiya is a variant in South-East Bihār.
- 74. The hansuli is a small sickle without teeth, principally used by girls for cutting spinach (चान sāg), and by toddy-sellers (चाने pāsi) for cutting palm-trees. The using palsul is a fixed upright sickle, which is kept in position by the foot resting on the wooden base in which it is fixed, and is used for cutting spinach and other vegetables. In Patna and Gaya, चना katta is an instrument used by Doms for cutting bamboos, and चनित्र kyoncha is an instrument for barking wood.
- 75. The above names are also used for the curved part of the blade. The straight part of the blade is called TT nār or (to the east)

सार lar. Other names are साँदी danri (South-West Shahabad), निर्मा nariya (Gaya), and नाम nab (Patna). The handle is मेंड bent.



The ordinary Sickle (hansua), and that of the Toddy-seller (hansuli).

CHAPTER II.-RAKES USED ON THE THRESHING-FLOOR.

76. This is well akhaina. It is a kind of hooked stick used for pushing the sheaves under the bullooks' feet while the grain is being trodden out. This word is only used south of the Ganges. Local variants are then and well akhena (Patna, Gaya, and South Munger), well akhain in South-West Shahabad, and whain in South Bhagalpur. When it has five prongs, it is called when packkha north of the Ganges, in South Munger, and in Shahabad, and with pancha also in the last district. This is also called in South Munger with panchakh.

CHAPTER III.—GRANARIES.

77. These are of four kinds-

1st.—A structure of straw or brushwood in the open air.— These are बचार bakhār, बचारी bakhāri, or कोडी kothi. Local names are बेड़ी berhi north of the Ganges generally, डेक thek in South Bhagalpur, and बदारी badāri (also in South Bhagalpur) or सुकार munhar in South-East Tirhut. In Tirhut a stat goli is a round with kothi;

2nd.—Underground pits for storing grain.—These are everywhere बाद khād, and also (south of the Ganges) बाजा khāta or बाता khāta. Local names are बोर chaur in South-East Tirhut, साड māt in Gaya, and बाब khādh or बाब khādha in South Bhagalpur.

- 3rd.—Granaries inside the house.—In Sāran देवरी dehri is a small circular closet for holding grain, and is generally made of wattle and mud. The कोटी kothi, कोडिंडा kothila, or कोडिंडी kothili is everywhere generally made of sun-baked mud, and is larger.
- 4th.—A space surrounded by mats for holding grain is देव thek. A granary made of straw only is in South Bhagalpur बॉबरो khonchri, and in South Munger बॉब bāndh.
- 78. The support of the granary is गोड़ा gora generally. Local optional names are चेत्रजा besna (South-East Tirhut), चेत्रक baisak (East Tirhut and South Munger), सूरा khūra (Patna), and चोडा ota (Shahabad).
- 79. The cover of a state kothi is everywhere except in South-East Bihār unia pehān or unia pehna. In Sāran and Gaya it also means the plug or stopper (see § 81). Local names are surent jhapna (South Tirhut and South Munger), surent dhapna (East Tirhut and South Bhagalpur), and unia chāk (Patna, Gaya, and South Munger). The opening covered by it is surent munhkhar in Sāran. In the same district the cover of a unit bakhāri is unu khomp.
- 80. The bottom is called everywhere पेंद pend, पेंदा penda, पेंदी pendi, or पेनी peni. The South Bhagalpur form is, however, पेंदो pendo.
- 81. The hole through which the grain is removed is generally and an or wind and, local names being with aen or alway mohkha in East Tirhut and Patna, and for munh north of the Ganges. The plug for filling the hole is even dabkan, or in the south-east wandan. In Saran and Gaya it is also was pehan (see § 79), and in South Bhagalpur sul thepi.
- 82. A heap of grain is et dheri or the ras. In Gaya it is also feel silli. In South Munger a smaller heap is called set kuddi.
- 83. Various earthen vessels are used for holding grain. These are north of the Ganges generally sign kunra, with mat, with ghaila, or sign hanriya. West matuka, with chhonrh, was cheruz are also used, but principally to the west. South of the Ganges we have west charua,

- सुस khum, बोरा khora, and सद्भी matki in Patna, Gaya, and South Munger (the last two also in Tirhut); बाँड chhonr in Shahabad, and kūnrī in South Bhagalpur.
- 84. The covers of these are the same as those mentioned above; the local names are sweat dhakna (Shahabad), waster jhakna (East Tirhut and Gaya), and great mundan (East Tirhut and South Bhagalpur).
- 85. An earthen cupboard similar in shape to the sites kothik, but used for keeping cooking-pots and curd-dishes, &c., is called user jabra.

SUBDIVISION V.

IMPLEMENTS AND APPLIANCES USED IN CON-NECTION WITH CATTLE.

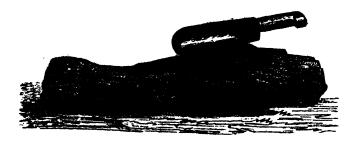
CHAPTER I.-THE FODDER-CUTTER AND TROUGH.

- 86. This is गॅड्राच ganrās, गड्रांच garāns, गड्रांचा ganrāsa, or गॅड्रांची ganrāsi. Local variants are गॅड्राची ganrāsi in North-West Tirhut and गड्रांचा garānsa in South Tirhut. The word गॅड्राची ganrāsi is the usual one. It has a short heavy handle. Other similar implements are दाव dāw, टॅगाड्री tangāri (Tirhut), and (in Patna, Gaya, and South Munger) चाइट kākut or चाइट kānkut. The गॅड्राच ganrās and गॅड्राचा ganrāsā are properly heavy implements at the end of a long handle, four or five feet long. They are weapons rather than fodder-cutters.
- 87. The heavy wooden part immediately over the blade of the fodder-cutter is called जाजी jāli, जाजिया jaliya, or मुंगारी mungri. Sometimes, especially to the east, it is simply called चंड bent.
- 88. The blade is गंदाची ganrāsi, &c., as above. The handle is north of the Ganges बूड muth or बूडी muthi, and south of it बंड bent.
- 89. The knot at the end of the handle has various names, viz.

 ver era north of the Ganges generally, et hūr in North-East Tirhut,

 seven thekwa in South-West Tirhut and in Shahabad, and ere ārhuk
 in South-West Shahabad. Elsewhere no special name has been noted,
 unless we include es mūth and esem muthiya in South-East Bihār.
- 90. The spiked part of the blade, which goes into the handle, is see khura or खरी khuri to the west generally. Also, north of the Ganges, to the west, जोदा gora, and in North-East Tirhut जोने chobhi.

A very general name is are nar (East Tirbut, Patna, Shahabad, and South Munger), and nari (Gaya), or are lar to the east generally.



Fodder-cutter (ganrāsi) and block (theha).

- 91. The block on which the fodder is cut.—This is north of the Ganges and in Shahabad sur theha. Another name is use paritath (Shahabad and North-East Tirhut), or use pariath (South-East Tirhut and Gaya), uses parkatho or uses paraitha (South Bhagalpur), and usest parhata (South Munger). Other local names are sessest kutkatna (Shahabad) and fagger nisuha (South-West Shahabad).
- 92. The feeding-trough—When made of earthenware this is with nad or with nand generally, a local variant being with lad or with lad towards the east.
- 93. In Champaran and North-East Tirbut view pathiya is a basket used for the same purpose; elsewhere it is view oraisa. In the same tract a wooden trough for feeding cattle is called view a general name for the same being view kathra. In Shahabad view charan or view charan, in Gaya view gauri, and in South Munger view gonri, mean a long feeding-trough of sun-dried mud.

CHAPTER II.-THE MUZZLE AND BLINKERS.

- 94. The net cattle-muzzle, which is put on them when treading corn and at other times, is with jāb; local variants being with jāba (Gaya) and with jābi (East Tirhut, Patna, and South Bhagalpur). North of the Ganges (to the west) with jābi means a smaller muzzle, put on ealves to prevent them eating earth. Instead of with jāb, with jābi is used in South Munger. With mohri in Shahabad is a rope attached to the head-rope of an animal to prevent it opening its mouth too wide.
- 95. The conical wooden frame put on a calf to prevent it sucking its mother is stated, with for local variants stated (Shahabad

and the east) and shift die in South Bhagalpur. In South Bhagalpur another name is size kantelo.

- 96. In Patna ever dhātha is a piece of wood tied round a bullock's mouth to prevent it eating. Elsewhere strings are used, and are called in Tirhut devu berua (west), and kajai or until lagāmi (southeast), dat tema, (north-east), and until jūna (east generally).
- 97. Blinkers for cattle are in Sāran and Champāsan जनपद anpot, and in Tirhut and the south-east जोजार kholsa. To the east generally they are also जोज khol or जोजा khola. In Shahabad they are जोगानी chhopni or जोजारा nokta, in Patna जीजारी andhiyāri, and in Gaya जीजा andheli. In Patna जोजारी tokni or जोजा khola are the blinkers used in oil-presses or sugar-mills. The cloth tied over the blinkers is जोजारी ankhmundni.

CHAPTER III.-THE WHIP AND GOAD.

- 98. The whip used in driving bullocks is der pena or der paina. The latter is sometimes spelt uper paëna.
- 99. Its lash is generally That châbhuk, with a variant That chabhuki in the north-west. In North-East Tirhut it is the chhiti. That is found in South Bhagalpur, and local variants of this are that satā in Saran and South Tirhut and That satkā in Shahabad. That chharki is used in Patna and Gaya, and that jhitti in South Munger.
- 100. The thong at the end of the lash is अन्य jhabbū in North-West Bihār, निरुष (the knot) in North-East Bihār, क्या phunna in Gaya, फिक phik or फुट्न्मा phudna in South Bhagalpur, and फुट्न्मा phundna in Shahabad.
- 101. The spike at the end of the stick is with arai, of which will arauā is a local variation in Patna and South Munger and with arau arau in South Bhagalpur.
- 102. An elephant-goad is अपूर्ध ankus or आँगुर ānkus. A spear for driving elephants is भाषा bhālā, बरावा barchhā, बरावा barchhi, or (in Shahabad and East Tirhut) वस्त ballam. Another name is नवानाम gajbāk or (Patna and Gaya) गणावाम gajbāg. The wooden club studded with iron spikes, with which an elephant is beaten over the tail, is simply सगादर mugdar. The अपूरी akuri is a wooden goad for young elephants, and when made of bamboo it is called (in South-West Tirhut) कनार kanār.
- 103. चाँन dang (East Tirhut and Patna), चेन deng (Gaya), and चौदा sonta, are short sticks which may be used for driving cattle,

chhākun, चन्नी chhakuni, or (South-West Shahabad) विकासन chhitkan and (Gaya) विकीर pitaur, are twig whips used for the same purpose.

104. A horse-whip is कोरा or कोका korā or चावक chābuk, and a spur काँडा kāntā.

CHAPTER IV.—HOBBLES FOR CATTLE.

- 105. These are चान chhān or चाँद chhānd.* Other local words are पेड़ pairh or पेड़ा pairhā or (in East Tirhut) पेक्र paikar or पेंक्र painkar and (in South Bhagalpur) आकृति gorāni.
- 106. A piece of wood tied to the neck of a vicious or runaway animal is देखर thekar or (to the west) उत्तर thakar. In South-West Tirhut it is देखर thokar, and in North-West Tirhut देखरा thokar. In Patna it is देखरा thekrā, and in South Munger देखर thekur. North of the Ganges we often find मैंगरा mungra or मृज्यों mungri, and other local names are स्वास्त्र dagran (Gaya) and गरम्बर garhar or ग्रावस्था garharo in South Bhagalpur.
- 107. A cattle chain is चित्र sikkar, चौकर sikar, चित्र-रा sikra or चित्र-री sikrī. Sometimes these are spelt with a dotted r: thus चित्र-इंडंस्ट्रेंस्ट्र, &c.

CHAPTER V.—ROPES.

- 108. A. Those used for cattle.—The rope for tethering cattle is everywhere पगच्चा pagha, and also in South Bhagalpur जोर jor or गडा gentha. In Saran and Gaya it is also तगच्ची taghi. The knots or loops by which they are tied are जोर jor or डेका theka.
- 109. In Gaya and the south-east tell seli is a hair string tied from the neck to the feet of a calf when milking a cow. In Gaya it is also called tell sel.
- 110. A tethering-rope, by which cattle are tied to a peg, is बाज chhān generally, or (locally) बूदा gūrha (North-West Tirhut, Gaya, and Shahabad), नोइंड gorānu (South-West Shahabad), नोइंड gorār (Patna and Gaya), नोइंड gorāvan (Gaya and South Munger), देवीराजोर derhaurājor (Gaya and North-West Tirhut), बार jor (Champāran and North-East Tirhut), and जोरो joro or नोइंडी gorāni (South Bhagalpur). Most of these

^{*} As in the proverb गर्प्श गॅलाइ सरग, छान सगरी गॅसेन्ट gadha gelāh sarag, chhān lagle gelainhi,—the donkey went to heaven and took his hobble with him; i.e., vices follow one to a future life.

refer rather to the kind of knot or loop with which they are tied than to the rope itself.

- 111. A double tether for wild cattle, held by two men round the animal's neck, is north of the Ganges दोषको dobaggi, or in South-East Tirhut दोषण dogahā, in North-East Tirhut दोषण dobagi, in North Bhagalpur दोषाने dobagi, and in Saran दुषण की dubagli. South of the Ganges पराची chharki is used in Gaya and Munger in the sense of this method of attaching ropes. It is also used for the mode in which a log is attached to an animal's neck.
- 112. THE nāth is a head-rope for cattle, passing through the animal's nose.
- 113. चनाइ (or चनार) agār or चनाइने (or चनारी) agāri is a head-rope for horses, a local name being महाखोर galkhor in Gaya and Shahabad. िप्यादी (or पियारी) pichhāri is the heel-rope, which is also called (north of the Ganges) प्याद pachhār. चानाचीर bāgdor or चनाचीर bagdor is a rope for tying horses. नौन tānt or मोजचा mojamma is the thin leather rope tied round the horse's hocks. The halter tied round a horse's neck is नरीनाचन garaundhan or नरवाँच gardānw, or (in Shahabad) नर चीनाचा gar aundha, and (in North-East Tirhut) नरवांच gardam.
- 114. To the west and north पैकर paikar, पैंकर painkar, or पैंकरा painkra is a heel-chain for a camel, while to the south-east it is used for elephants. It is also used by travelling merchants for cattle. नकेंच nakail, नकेच nakel, or in Saran नकः खोच naklol, is the nose-rope of a camel.
- 115. B. Ordinary ropes.—An ordinary rope is रखी rassi, रकरी rassi, बार dor, बारी dori, or बार jemwar. जोर jor is also used, and (in Tirhut, Patna, and Gaya) जोरी jauri.* रखा rassa is a cable. A ship's cable is जरांची lahāsi, or in Sāran जरांच lahās; and a tow-rope, जून gūn or (in Gaya and the south-west) नोन gon. जांचा gainta in Gaya is a rope for carrying beams. A coil of rope in the same district and in Champāran is चुरवांचा ghurchīla. For the ropes used by a पानी pāsi or toddy-seller, see § 375. The string used in drawing water from a well with a brass vessel (जांचा lota, &c.) is called जारी dori; while the general name with other vessels is जन्मन ubhan, जन्मी ubahni, or (in South Bhagalpur) जन्मन ubhain, and in North-East Tirhut जोन ughen. The knot round the neck of the vessel is north of the Ganges and in Shahabad जन्मन arwan, and in Patna, South Munger, and South-East

^{*} As in the proverb जोरी जरि तेज, एँडन डामे jauri jari gel, ainthan thame,—the rope may be burnt, but the strands remain (even though reduced to ashes); i.e., a rich man come down in the world retains his pride.

ROPES. 23

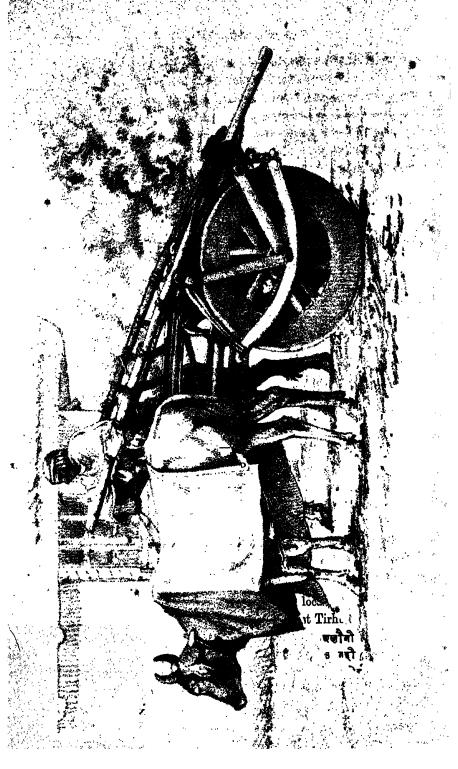
Tirhut flat rauna. Other local names are the phanki (North-East Tirhut), the phanki (Gaya), the phans (East Tirhut and South Bhagalpur), and the phansargāli in Gaya and South Munger. A small piece of rope attached to the vessel and then tied on to the regular well-rope is generally the panchor. A local name is the chhori (Champāran and South-East Tirhut). Its knot is the mundhi in Tirhut and the north-west, and the mundhi in Shahabad. A thick well-rope is that rassa or the barka.

- 116. The rope which is used in working the irrigation lever (कारा latha, &c.) is acted barha, with an optional variant are barah in South Munger. Other names are auted hathbarhi, and in Champaran and North-East Tirhut are ubahani. The short rope joining it and the bucket by a slip-knot is univer panchhor or and chhori everywhere, with the following local names:—wit chhor (South-West Shahabad), with jota (Saran, Patna, and Gaya and the south-east), with joti (Shahabad and South Munger), and universally in Gaya), and nadhān (optionally in Saran), and universalpha (South Bhagalpur).
- 117. The strings used in working the irrigation swing baskets (stephanr, &c.) are known as str dor or string. In Saran they are stall joti.
- 118. The ropes used for dragging a harrow are north of the Ganges generally and hengahi or and barhi, &c., as described in § 33.
- 119. To the west सोजर mojar or सोजरी mojri is a rope put round the roots of young trees to hold up the earth as they are being transplanted, other names (in South-West Tirhut) being गेंच्या gerua or (also in Champāran) बच्चना banhna. In West Shahabad and Gaya it is युदी gurhi, and in South Bhagalpur जन्मकाग jarbandhna.
- 120. The generic term for a grass rope is ज्या junna or ज्या jūna, and in Patna and Gaya also जोरी jauri, and in Champāran प्रतः प्रकासका. It is used for tying up bundles and for cleaning vessels. Another name in Tirhut is जरमा sarpat. गतान gatān, or in Shahabad गात gāt, is a straw rope for tying up bundles. Ropes for tying up bundles of sugar-cane are जोती joti, जनमा ukhbandhna, गतीरा gataura (South-West Shahabad), and जगर pangār (North-East Tirhut) or जनमा pagra (made of sugar-cane leaves in South Bhagalpur). प्राची gurhi in Shahabad and north of the Ganges, to the east generally कारा kachra, and in East Tirhut जोदार odār, is a loosely-twisted hemp rope (but प्राची gurhi may be either straw or hemp) for tying up bundles of crops.

- 121. A rope made of the stems of the cytisus cajan (rahar) and similar plants for tying up bundles is called बेंगी benti in Patna, Gaya, and South Munger, and बेंगड़ी bentri in South Bhagalpur. In Gaya it is also called बेंगरी bandheri. बनेरी juneri (Gaya) is a similar rope made of kus grass. Ropes made of thatching-grass are called north of the Ganges कराय jhalās or करायो jhalāi. Bundles of mūnj grass twisted up for cleaning vessels are जुंग lūnra or बुंग nūnra. A thick hemp rope is बराया barha, बरायो barhi, or (in Gaya and South Munger) बराया barta or बरायो barti.
- 122. For most of the above the word जूना junā or (when the rope is made of straw) गतान gutān may be used, or a periphrasis may be used, e.g. जुसक रसन्दी kusak rasri for स्वेदी juneri.
- 123. स्त sūt, स्ता sūta, or नागा tāga, is ordinary thread for sewing and weaving. युनः रो sutrī or (rarely and only in the extreme west) युनः सी sutlī is twine. This in South Bhagalpur is called युगरी suthri. Twisted string is south of the Ganges वर्षा tharra. North of the Ganges and in South Munger बाँड स्था bāntal rassi, एँड स्था ainthul rassi, or (to the west) वर्ष रक्षी baral rassi, is used.
- 124. To the west चोप chop is string made of the bark of the butea frondosa (पराच parās) or of the palm-tree. In Gaya it is called चौप chomp.

CHAPTER VI.—PADS FOR CATTLE.

- 125. These are known generally as not gaddi or usin palān. In Patna, Gaya, and Shahabad suret bakhra is a leather sheet which goes over this. A surem kharahiya, or in Saran surem kharaiya, is a pad stuffed with sur khar, and under it is placed the surem kanheli. Tere petār is in South-West Shahabad a belt for tying them, and using pachholi a rope fastened to the animal's tail for the same purpose.
- 126. The pad for an ass is देवा lewa, local names being पिडिया pithiya (Tirhut) and दरका surka (also in East Tirhut) or बर्जी tarchhi (Shahabad). In North-East Tirhut and Gaya क्योंनी chhalauni is the cover of the pad. That of a bullock is (besides क्यों gaddi and प्रभाव palān) north of the Ganges and in South Munger करेवी kankeli, and south of it, to the west, क्यावकरा chhallābakhra, and to the east क्या chhalla.
- 127. An elephant's pad is गरी gaddi, and in Shahabad also गरा gudda. Underneath is placed a softer one called महेचा gadela.



CHAPTER VII.—GRAIN-BAGS AND PANIERS FOR LOADED CATTLE.

- 128. These are with ākha, with ankha, or well tangi; south of the Ganges they are also if four gethiya or well patta. In Shahabad, however, they are with jora or in gon. A large grain bag carried on a bullock's back is in Saran well ladauri, or (also in North-West Tirhut) with lagauri. In Gaya this latter word means the cord by which the bag is fastened on the animal's back.
- 129. खुराजी khunji is a gunny (हाड tāt) bag borne by asses and used by potters for bringing clay from earthpits (सडिखान matikhān), and by others for carrying bricks, &c.
 - 130. A rice-sack is बोरा bora or नही tangi.
- 131. In South Bhagalpur a bag borne by the bullock, in which the drivers put their luggage, is used katāri, and in South Munger it is used khās.

CHAPTER VIII.—CANVAS, LEATHER, OR TARPAULIN COVERS.

- 132. These are तिरन्पास tirpāl or (when made of चास chhāl, leather) चवा challā.
- 133. भूस jhūl or भोसी jholi is a body-cloth put over bullocks in cold weather. In Gaya it is also भोसा jhola, and in Sāran जोइन्ना orhna. भूस jhūl also means an embroidered cloth spread over an elephant's pad.

CHAPTER IX.-VESSELS FROM WHICH ANIMALS ARE FED.

- 134. The bag from which cattle are fed is wोखी jholi, or in Champaran wोखा jhola. A horse's grain-bag is नोवन्दा tobra. In Patna क्यार kapāi is a bag for cattle.
 - 135. Feed are described in §§ 92, 93.

CHAPTER X.-DAIRY UTENSILS.

136. The milkpail.—This has various names, according to locality. North of the Ganges generally they are ward jhabhi or say

^{*} As in the proverb वेश नर बूदे, बूदे तको bail na kūde, kūde tangi,—a bullock does not leap, but his load does, of which the Shahabad version is वेश नर बूदे ब्रोन, दे तमासा देखे कोन bail na kūde, kūde gon, ī tāmāsa dekhe kon.

महिया dudahi kantiya; but they are also आँका bhānra in Champāran, पुराना ghurla in the North-West generally, and प्या chapai in North-East Tirhut. South of the Ganges we have उपारी tahri or पूरा pūra in South-West Shahabad, and बंदिया kantiya in the rest of the district and East Bihār; चाँपी chāmpi, देवारी tehri, or प्याच्या patla in Patna and Gaya; दुवानी duhni, मुझी chukki, कदिया katiya, बंदिया metiya, प्राची kathli, or इस kathai in South Bhagalpur; and प्राची chukri or प्रा chukka in East Tirhut and South Munger.

- 137. चावा dāba, चवाची dabhi (also in Champāran), पाचा pātha, चाइस rāis, or रासि rāsi, are large milkpails used in North Tirhut, and चपानी thapri is a smaller one. बाँदी kānri or बर्ड kathaī, also in North-East Tirhut बहा kattha, are in Tirhut wooden milkpails. In South Munger रास rās is used instead of राहस rāis.
- 138. Vessels used in making and keeping clarified butter (चूरा ghyā, &c.) and curds (इसी dahi, &c.).—This also has various names, viz. north of the Ganges इत्यादी चाँदी dahiyāhi hānri or बहादी karāhi. A local name is करवना karna (Champāran and Tirhut) or कोर्टना kaurna in North-East Tirhut. South of the Ganges we meet आँदा bhānra generally, with a variant आँदड bhānra in South Bhagalpur and द्वेदी dahenri to the west. In Patna and Gaya we have क्या champa, अवादा mahāra, and बद्दा nadiya. The last is also used north of the Ganges and in South Munger. In South Bhagalpur other names are कार्री kantri and बाँद chhānchh.
- 139. There are sometimes special names for special sizes. Thus while the harri or the larger is everywhere used for the larger size, the next smaller size is in Tirhut that koha or the karuna. The koha is also used in South Munger, and that patila or the patuki is used with the same meaning in Saran. The next smaller size is that kohi or that kahtari. A still smaller size is the chhanchhi, single matkuri (of earth always) or the matkuri (North-West Tirhut), and the smallest size of all is that chhanchhiya or that nadiya.
- 140. The vessel for holding clarified butter is विवरी भाँदा ghiwahi bhānra, बॅडिया kantiya, बोरी kohi, राइस rāis (large), सुद्धा chukka (small), &c. Other names in North-East Tirhut are विवर्ध सदृष्टा ghiwak karha (large) or विवर्ध सदृष्टी ghiwak karhi (small). In Patna, Gaya, and South Munger सम्पा champa or सौंपी chāmpi are used, and रहोडी rasoli (large) and किंद्या pherua (small) are met in South Bhagalpur.
- 141. The leather vessel in which it is exported is sur kuppa or kuppi. The latter is smaller than the former, and is also used for

- holding oil. In North-East Tirhut it is also called जमन्दी chamri or चीवन्दी chaukthi. जदोद nadoï is used in Gaya, and गेव्हा gelha is a similar smaller vessel.
- 142. The churn.—To churn is समूख mahal to the west and समूख mahab to the south and east. The act of churning is समाद mahāï or समाद mathāï; local variants being सभी mahi in Champāran and South Bhagalpur, and सबद mathaī or समझ mahan there and in Gaya and South Munger.
- 143. A churn is north of the Ganges, to the west, महत्त्रपानी matmahni. In Tirhut and Gaya it is क्या kūnra or (south-east and also in Gaya and Champāran) क्या kunda, and (north-east) जोर khor. South of the Ganges it is क्यारी kumāri in South-West Shahabad, जोड़ा taula in the rest of the district (also in East Tirhut), घोरमादा ghormāha north of the Ganges and in Patna and Gaya, and महाँदा mahānra in South Munger.
- 144. The stirrer or stick moved in the churn is द्वी rahi generally, and also सद्दानी mahni to the west and in Tirhut. The latter has local variants, viz. सद्दानी mathni (Tirhut and the West), सदान mahān (West), and सदीनी mahonni (Gaya). Local names are नवादी gajhi (South-East Tirhut), दोदी chhorhi (South-West Shahabad and East Tirhut), and दोराडी ghorāthi (Patna, Gaya, and South Munger).
- 145. The rope with which it is twisted is generally रहारी rasri or होरी dori; but more specific names are नेत net (generally), with local variants नेवत newat or नेवन्ता newta (east) and नेतो neto (South Bhagalpur). In Patna it is चिंचन्नी khinchni, and in South Munger इस dam. Another name in South Bhagalpur is कोती joti.
- 146. Various vessels.—In South Bhagalpur कर्ष kān is a small vessel containing a quarter of a ser of milk. A पाचा pātha contains one ser, and a पूजा chūka four ser. In Sāran a पुजा chūkka contains a quarter of a ser.

SUBDIVISION VI.

APPLIANCES USED IN THE CONVEYANCE OF GOODS OR PASSENGERS.

CHAPTER I.-THE COUNTRY CART. :

147. The ordinary cart is called everywhere and gari, but in Saran it is more usually and gari. The water cheaker or

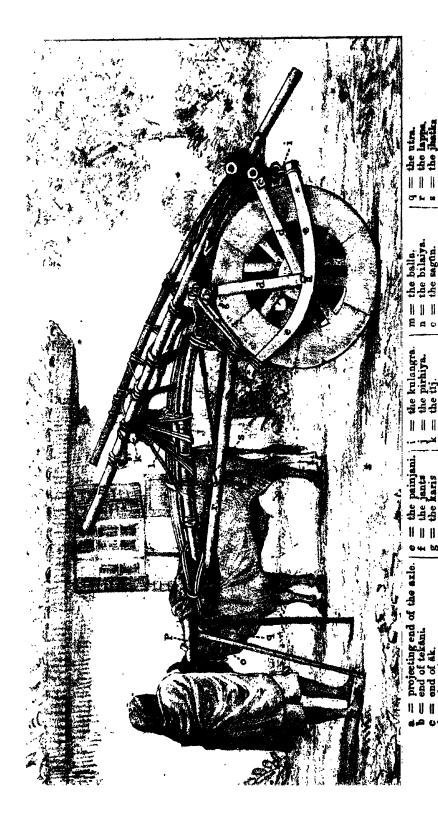
गाइन gāra is the large complete full-sized cart, with long bamboo poles projecting from each side in front. In North-East Tirhut it is sometimes called चर्च गाइने chaghūs gāri. The चन्न saggar or चानच् sāgar is a lighter and rougher kind of cart for carrying country produce. In Gaya and Shahabad it is also called चन्निया larhiya.

- 148. For carrying passengers the wrath or war ranth is a light four-wheeled cart used by rich people. A similar two-wheeled cart is called चाँचानी गाड़ी sāmwgi gāri or (in Gaya) चाँजी गाड़ी saungi gāri. It is also called चाँचानी manjholi in Tirhut and Gaya and bahal generally, with variants चुंची baheli (Patna and Gaya) and चंचनी bahli (Gaya). The par ekka is a two-wheeled light trap, generally drawn by a pony. In Sāran it is also called चांड़ चंचन ghor bahal. The चिंचनी kirānchi is a covered cart something like an omnibus on two wheels.
- 149. A cart drawn by a single pair of bullocks is दोवरन्दा dobarda or दोवन्दा dokra. One drawn by two pairs is चौवरन्दा chaubarda (but this hardly ever occurs). In a team of three bullocks the wheelers are called चूरी dhāri or धुरिया dhuriya to the west and चोड़ी jori to the east, and the leader बाँड bānr or बिड़िया binriya to the west and चिड़ी jhitti (also in Sāran) or नाडा nāta to the east.

CHAPTER II,-THE LARGE COMPLETE COUNTRY CART.

- 150. This is चकादा chhakra, गाइन gāra, or चमूच गादी chaghūs gāri (see Chapter I). Its parts are as follows:—
- 151. The wheel.—This is everywhere That pahiya. To the west, and also in Gaya and South-East Tirhut, it is also called The chakka.
- 152. The fellos is called wat mangar, except in Gaya, where it is water jamot. It is made of six segments of sizu wood, called each yell putthi.
- 153. The nave is called win nah. In Gaya it is also we nah, and in Saran with naha. Through this the spokes run completely through and through, each spoke terminating at each end in the felloe, each thus forming in reality two spokes. There are six of these double spokes altogether, making three pairs of two parallel spokes each (see illustration). These three pairs are of varying thickness. The first pair driven in is thicker and stronger than the second pair,





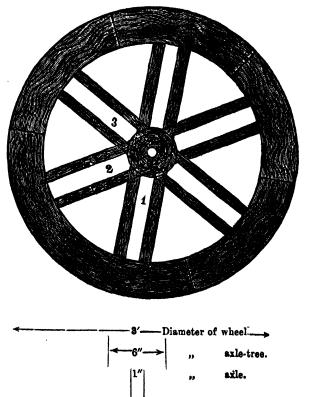
A full-sized Bullock-cart (Chhukru), side view

by Bepin Bahary Das, Student Gort. School of Art Calcutta.

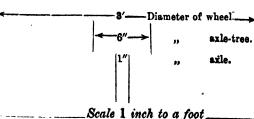
and the second pair than the third pair. In crossing each other in the nave, the second pair runs through the first pair, and the third pair through the second and first. These pairs have names, viz.-

- The spokes.—1.—The first pair is called \ara. is the thickest and strongest pair of spokes in the wheel.
- 2.—The second thickest and second strongest pair of spokes is called faurer nimāra, other names being after or and beli (Tirhut and South Bhagalpur), नीम ध्री nīm dhūri or नेपारा nebāra (South-East Tirhut), and चेपारा lewāra (Shahabad).
- 3.—The weakest and thinnest pair of spokes in a wheel is called arm gai.

To the west and in Gaya, both the second and third pairs are called no gaj. The spokes are collectively called star danriva. and to the west also पारागन ārāgaj.



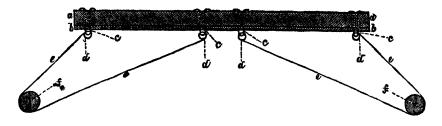
- 1. Āra.
- 2. Nimāra.
- 3. Gaj.





- 165. The outside washer of hemp (খৰ san) is বিনী cheni, বিহী chendi, or (in Sāran) বিশ্বী chenhi. That inside the wheel is আৰম্ভ khānan, with variants আৰম্ভ khanan (Sāran), আন্তৰ্ভ khanhan (South-East Tirhut), আঁল্ড khāngan (South-West Shahabad), and আঁহ্ড khāndan (South Munger, Patna, and Gaya).
- 166. The axle.—Each wheel has an axle of its own, each supported entirely by struts descending on each side of the wheel from the side of the cart to which the wheel belongs. The axle is at thur a or at thur. Sometimes a distinction is made, at thur being used when the axle is of wood and at thur when it is of iron; but this is by no means universal.
- 167. The outside supports of the axle.—The supports outside the wheel are two pieces of wood meeting outside the wheel in front of the nave, where, at the point of crossing, they receive the axle. The upper end of one fits into one end of the front crossbar of the frame of the body of the cart (said) tekāni, &c.), and that of the other into one end of the rear crossbar of the frame of the body of the cart (said). These supports are called finite tulāwa. They are fastened to the body of the cart by chains or ropes, called said or said.
- 168. The curved branch of sisu wood which passes under the point of the axle, where it projects from the নুৱাৰা tulāwa, and thus further supports the axle, is called ঘূঁজনী painjani, with variants ঘূঁজনী panjani (Shahabad optionally) and ঘূলনা pengni (North-East Tirhut). In Gaya it is called হাৰ dāb. It is pulled tightly up against the axle by three ties, two in front and one behind.
- 169. The front ties fastened to the fore end of the पंजानो painjani are called जन jant. The other end of each of these ropes is fastened to a hook, called जारो kari. One of these hooks is fastened to the देवानो tekani, and the other to the bottom of the eart, farther on in front, to one of the जार ब्या karhari (vide post). The जान jant are tightened by a stick called चारो amerhi, or in Saran चलेगा saluiya, which passes between them and twists them together to the requisite degree of tightness.
- 170. The rear tie of the पंजानी painjani is called क्यांग्या kulangra, or in Saran तुस्त्राम्या tulangra. It generally consists of one iron chain. Two rings (पद्याप kharkhariya) hang in two staples (प्राप्त konrha) to the underside (पद्याप parāk) of the rear bar (पाप āk) of the cart. One of these rings hangs near the centre of the पाप āk, and the other

at the end near the wheel. The chain is fastened to one, then passes round the end of the van painjani, and the other end is fastened to the other ring. In this way the van painjani is held in its place. The accompanying sketch will make this clear.



 $a-a = the \bar{a}k$.

d = the kharkhariya.

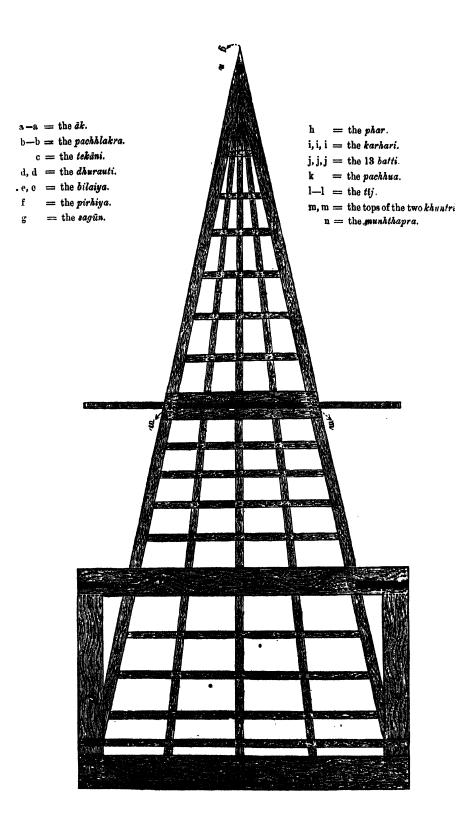
b-b = the parāk.

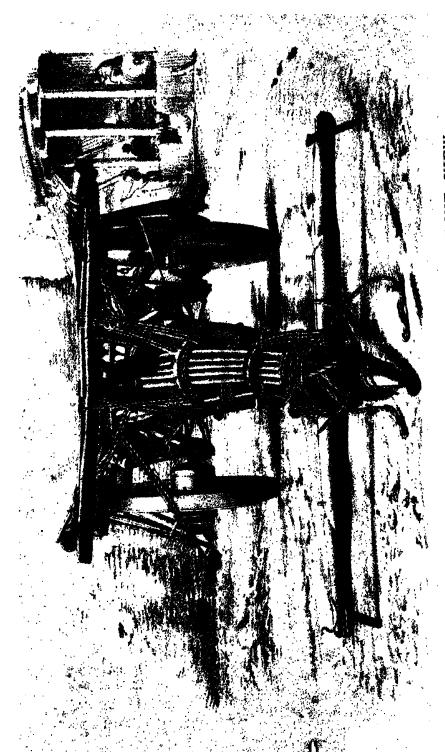
• = the kulangra.

c = the konrha.

f = the rear end of the painjani.

- 171. The body of the cart may roughly be described as a long triangle strongly built, lying on one surface, and arched so that its convex side is uppermost. Viewed from the side it resembles a shallow arch, and from above a triangle. Across the back a strong square or oblong frame is laid. This serves as the foundation for the carrying portion of the cart. The annexed illustration is a plan of a cart taken from above.
- 172. The win $\bar{a}k$ or win $\bar{a}g$ is the main beam in the rear of the cart. It is made of sisu. In Shahabad this is called win $\bar{a}nkh$. Another and lighter piece of wood going underneath the win $\bar{a}k$ to strengthen it, and also made of sisu, is called with $par\bar{a}k$. A slip of bamboo tied on behind the win $\bar{a}k$ and forming the tail of the cart is known as wellowing pachhlakra, with local variants, viz. Variance panchlakra in West Tirhut, furnishing pichhalkara in Patna and Gaya, and furnishing pichhlakra or with kara in Shahabad. In South Bhagalpur it is water ankora or well pachherna.
- 173. The front bar of the square portion of the eart is known as देवानी tekāni. In South Munger it is तेवानी tekāni with a dental t.
- 174. The sides of the square part of the body, going over the wheels and joined at one end to the wife āk and at the other end fitting on to the top of the setal tekāni, are called with dhurauti.
- 175. The piece of wood fitting over the end of each of the धुरौडी dhurauti, where it joins the डेकानी tekāni, and holding the former in its place, is called विशेषा bilaiya.





TILLOCK CART (CHHAKRA)-FRONT VIEW

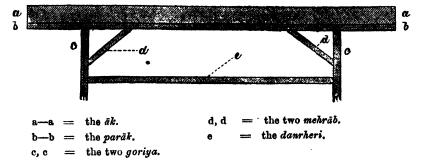
- 176. The short stout cross-bar of sisu wood crossing the triangular dy of the cart between the देवानी tekāni and the apex of the triangle, front of the driver's seat, is called पिड्या pirhiya.
- 177. The point which is the front of the cart, and which forms the ex of the triangle, is called up sagūn, or in Patna and Gaya unil guni. The lower portion of this is called in Sāran unu thop.
- 178. The two long sides of the eart, forming the sides of the iangle, starting one from each end of the चाम āk and meeting in e समूज sagūn, are known as चर or चड़ phar, a local variant being चेंड़ iair (North-East Tirhut). They are also called बाँगा tānga south the Ganges and घरना harsa in Sāran and Champaran. They are metimes strengthened with a band of iron, called पणर pattar, चन in, or बड band.
- 179. The whole bottom of the eart is called बजा chhajja. It is omposed of the पर phar, the बाम āk, the डेबानी tekāni, and the पिदिया irhiya, and has in addition three long strips running the length the eart, called कड़-इड़ी karhari, and thirteen cross-pieces called बनी atti, or in Sāran बना batta, and in Gaya also बामी chāli. The कड़-इड़ी trhari are also called परी phari in Patna and the south-west and बपोड hapot in Shahabad. North of the Ganges they are also called बना anjha, मॉना mānjha, or भरानी bharāni. They are fastened in their laces by pegs, called फर-किमा pharkilla, कड़-किमी kathkilli, or किमी killi, इर pachchar (&c.), or कॉडी kānti. Of the thirteen बनी batti or cross-ieces, there are three between the चाम āk and the टेकानी tekāni, four stween the टेकानी tekāni and the पिदिया pirhiya, and six between the दिवा pirhiya and the चम्न sagūn.
 - 180. This completes the description of the main frame of the cart.

We now come to the various contrivances for retaining goods the cart. These are the following, but they are not all used in accart:—

- 181. At the rear of the eart, just in front of the war ak, is tied a nick bough of wood. This is called the war pachhua. It prevents oods falling out behind.
- 182. Over the पिदिया pirhiya, and of equal length to the देवानी kāni, runs a bamboo called the नीज tij, supported by two stout pillars bout a foot high, each standing on one end of the पिदिया pirhiya. These illars are called the चुंडररी khuntri or चुंडररा khuntra, local variant

- being बुंडचःरी khuntahri (Saran and South Tirhut) and बुंडचःरी khuntahri or बुंडिचःरी khuntihri in Shahabad. In Gaya similar posts are called माँची mānchi.
- 183. Two very long bamboos now form sides, each resting on one end of the चाच āk, on a विख्या bitaiya, and on one end of the तीज tij. Each projects behind the चाच āk and a long way in front of the तीज tij, and is called चन्ना balla. Other names are चाँच bāns, चँचाचली bansballi, वैचीरा bansaura (Shahabad), or चँदन्या chandwa (Patna).
- 184. Sometimes bamboos run from end to end. These are called चीच chīp when they commence at the देवानी tekāni and run close under and fastened to the चर phar, up to the चन्न sagūn. They serve to strengthen the चर phar. When they run the whole length of the cart, from the चाक āk to the चन्न sagūn, and form as it were the string of the bow formed by the body of the cart, running close to and parallel with the कार्या jhatka (vide post), they are called चाना lappa or (in Tirhut) चाम lappu. They are fastened to the body of the cart by ties, known as दांगाची dāngli in Sāran, दांगाची daungri in East Tirhut, वाची bādhi in Shahabad, कोंद्रा jaunrha in Gaya, and चांड sonth in South Bhagalpur. Elsewhere they are simply रखा rassa, &c.
- 185. Sometimes the बहा ballā is raised behind by a pillar (बुंडररी khuntri) at each end of the बाक āk, and the space between it and the body of the eart filled up with a rope siding. This rope siding is then called बंबरवादा hanthwāsa, or in Patna पद्धा pharka, and in Sāran एड्रा era.
- 186. The flat board forming the driver's seat is called सोपन्स mohra, or in South Bhagalpur सोड़ा morha and in Shahabad सुंपन्डा munhra.
- 187. The parts underneath the cart supporting the inner end of the axle-tree.—There are two supports inside each wheel, like the grant tulāwā outside. They cross each other opposite the inner end of the axle which passes through the intersection. As each wheel has a separate short axle, there are therefore two independent pairs of these, one inside each wheel.
- 188. The rear one of each of these pairs is called **given** guriya or **niteur** goriya, or (in Patna) **uniter** khajāna. Like the rear **guint** tulāwa, its upper end is fastened into the **unit** āk. It is strengthened in its place in the **unit** āk by a strut, called **uniter** mehrāb, and the two **uniter** guriya are further strengthened by a cross-piece called **uniter**

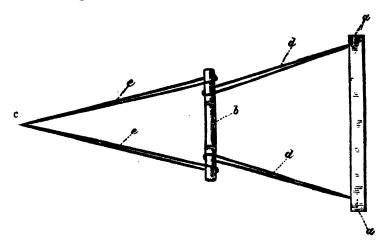
rheri, joining the two, which thus prevents them approaching each or. The annexed illustration will make this clear.



189. The front supports of these pairs are each called আৰ thobh or thop. The upper ends of these are fixed in the ভৱাৰী tekāni.

190. The apparatus for keeping the body of the cart curved.—
s consists of a set of strings called was jhatka, which passes right
her the cart from end to end, one end being fastened to the was
and the other to the was sagun. This is kept tight, so that it
ps the whole cart bent exactly like a bow.

The following illustration shows the arrangement:-



 $a-a = the \bar{a}k$.

b = the dunta.

c = the sagūn.

d = strings fastened to the $\bar{a}k$, passing round the danta and back to the $\bar{a}k$.

e = strings fastened to the sagūn, passing round the danta and back to the sagūn.

- 191. The vert danta, or in south Bhagulpur and ameri, in the above figure is a stout piece of bamboo. It will be evident from the figure that it affords increased leverage, and offers a ready means for tightening the waver jhatka when necessary. Sometimes bamboos run parallel to the waver jhatka from the up sagūn to each end of the up āk as further strengtheners. These are called up lappa or (in Tirhut) up lappū.
- 192. The state chhatiya is a slip of wood fastened across and under the body of the cart from sin thobh to sin thobh, which serves to hang baskets, &c., from.
- 193. The point which is the front of the cart, and which forms the apex of the triangle, is, as already stated, the चन्न sagūn or चन्नो sagūn. It is here that the yoke is fastened. Underneath it, to prevent the point resting on the ground, is fixed a stout peg, called चटारा utra. On the top of the चन्न sagūn, to afford a boss for fastening the yoke to, is fixed the मुंचापादा munhthopra, मुंचापादा munhthapra, or (south of the Ganges) नोचापादा mothāpra. In Champāran it is called जोचाया mohra.
- 194. The yoke is satisfied, and also in Shahabad satisfied, as distinct from with pālo or satisfied, a plough yoke (see § 14). The pegs passing through the ends of the yoke, outside the bullocks' necks, to prevent them shirking their work, are made either of wood or iron. The name satisfied is generally applied to them when of wood, and satisfied samail is generally applied to them when of wood, and satisfied samail, samail, or samail when of iron; but this distinction is not always observed. To the east they are called satisfied. The inner pegs towards the middle of the yoke, on the inside of each bullock's neck, are called (in East Tirhut) satisfied chiraiya. They may be of either iron or wood.
- 195. Props.—When the bullocks are unyoked, the front of the cart is supported at the una sagūn, to prevent it falling forward, by the feural sipāwa or (in North-East Tirhut) feural sipāwa and (in Sāran) feural sipwa. The top of this is called in Gaya at mānjha. The prop to prevent the cart falling back is uni era, super ularua, feural sidhwä, or (in Patha) want larua.
- 196. The ropes which go round the bullocks' necks are wint jota, with joti, or necessarily galjoti. When three bullocks are yoked, the rope which goes over the leader's neck is to the west figure binriya or factor biniya, and in Saran and the east fast jhitti. The rope (wast, &c.) by which the yoke is kept in its place is called fage bichhua, or in North-East Tirhut with jhonk.

- 197. The mat put in the bottom of the cart to prevent grain from falling out is that chatāi generally, but it is that hariyār in Patna and that handāri in South Bhagalpur. The last is also used optionally in Gaya and East Tirhut. In Saran a canvas mat used in the same way is called that dhāla.
- 198. The iron chain for tying up the bullocks at night is generally सोकर sīkar or अवन्त्रीर janjīr. Local names are पानी pāhi or 'साँड्र dānrar in Champāran and Tirhut, देख bel in Gaya, and पैक्ष paikal, (also in Gaya) पैकर paikar, or पैक्ड painkar in Shahabad. The portion round the bullock's neck is called वर्ष्ट्यो gardani.
- 199. The above is the description, except where otherwise stated, of a very complete that chhakra, which is itself the most complete kind of cart. Few carts are as complete as this; but they differ merely in being less complete, and in no other way.
- 200. As regards size, the cart of which the above is a description had the following measurements, a cubit being taken as equivalent to $1\frac{1}{2}$ feet:—

		Cubits.
Length from चाक āk to टेकानी tekāni	•••	11/2
" टॅकामी tekāni to पिढ़िया pirhiya	•••	11/2
,,	•••	3
Total length	•••	6 cubits,
		- 9 foot

The चाक āk, टेकानी tekāni, and सीच tīj, were each three cubits long.

The sail balla were each six cubits long, and the sixth thuntri one foot. The wheel was two cubits across.

The greatest height of the arch was at the fulsar pirhiya, where it was one cubit.

The height of the **una** sagun from the ground when supported by the feural sipawa was $2\frac{1}{2}$ cubits, and that of the win $\bar{a}k$, at the same time, $1\frac{1}{2}$ cubits.

CHAPTER III.-THE LIGHT COUNTRY CART.

201. This is समाइ saggar, सागइ sāgar, or जड़ादिया larhiya (see § 147). In Sāran it is called गाइन gāra.

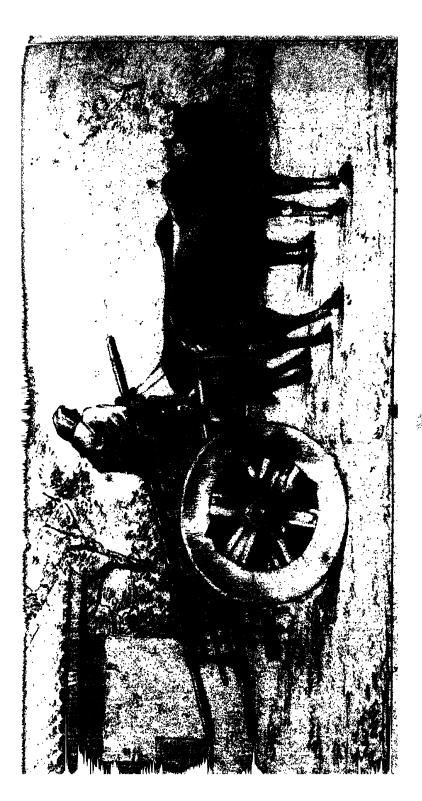
This cart is rougher, lighter, and cheaper than the warm chhakra.

202. The wheel is the same as in the water chhakra.

- 203. The axle.—There is only one axle (क्रा dhāra), which goes right across under the cart, and on which both wheels run. It runs through a block of wood which runs across from wheel to wheel, and out of each end of which the ends of the axle project. This block is called क्रा mandra. The projecting ends of the axle receive the wheels, which are held in their places by outside linch-pins (क्रा कियो dhurkilli, &c. (see § 164). Sometimes the wheels of the साम saggar are protected by a board outside, one end being fastened to the साम āk and the other to the क्या tekāni (see §§ 172, 173). Through this the end of the axle projects, and is made secure by the linch-pin. This board is called साम painjani, समा panjani (Shahabad optionally), or (North-East Tirhut) समा pengni, and must be distinguished from the different wheel support bearing the same name in the समाम chhakra.
- 204. The body of the समाइ saggar is not arched, as in the सकाइन chhakra. It is simply a flat triangle of wood, principally bamboo. The two long sides of the body, commencing at each end of the साइ āk and ending together at the समूज sagūn, are called, as in the सकाइन chhakra, पढ़ phar, &c. As the समाइ saggar has no तुसादा tuliwa, बोम thobh, or युद्धिन guriya, the body rests directly on the axle, being supported by two blocks of wood, called नेतरण tetla, नेतिस्वा tetaliya, or in Saran नेतिस tentula, each of which rests on one end of the महरा mandra, and on which, on the other hand, the corresponding पर phar rests. Along the पर phar, and underneath it, is tied a bamboo to strengthen it. This is called दौनर bānyar.
- 205. In other respects a sung saggar differs little from a sung chhakra, except that it is built lighter and almost entirely of bamboo. As the body is not arched, the former has of course no sung jhatka, &c.

CHAPTER IV.—THE BULLOCK CARRIAGE.

- 206. When it has four wheels, it is called ve rath or ve ranth. This is rare in Bihār.
- 207. When it has two wheels, it is called व्यक्त bahal, with variants वहेंची baheli (Patna) and व्यक्ती bahli (Shahabad and Gaya).
- 208. This cart is almost exactly the same in principle as the स्वान्त chhakra, except that it is generally built lighter. On the square portion at the back is reared a kind of canopied seat, called चाँबन्ती sāmwgi or चाँनी saungi; hence the cart is also called a चाँबन्नी नाची sāmwgi gāri.





209. Its parts are as follows:---

The wheel.—As in a cart (see § 151 and ff.).

The leather washer is called चकाती or चकाडी chakli, गदा gadda, or चिडदे bithai.

- 210. The axle.—As in a cart (see § 166).
- 211. The supports of the wheels and axles.—These are the same as in a taken chhakra (see § 167 and ff.).
- 212. The body of the vehicle.—The lower part is like a द्वान्द्रा chhakra. Over it is placed the following, the whole of which is called चाँवानी sāmwgi or चाँनी sāungi.
- 213. The frame of the seat is vel patti, local variants being ver patta (East Tirhut and Patna), ver patia (East Tirhut and the west), and ver baudandi (Gaya). Its supports are ver khūnta or ver khūnta. On these are ornamental brass knobs, called ver phuliya. The posts supporting the awning are ver danda or ver danta (East Tirhut and the west). The top of the awning is ver danta (East Tirhut and the west). The top of the awning is ver chhatri or (in Shahabad and Gaya) vert thatri, and the stuffed cover to keep off the sun is ver gadda or ver gadda. In South Munger is ver gaddi. The net forming the bottom of the seat is virial mwgi or ver saungi, and the leather guard of the body inside the wheels is vere dhamāka.
- 214. The two long sides are called पड़ phar, &c., or बाँगा tānga, as in the एकः दा chhakra. Between them are placed narrow planks, called बाँधा mānjha.
- 215. The supports of the body behind are star dharua or star dharua, and similar smaller ones inside are are all bawli.
- 216. The that dantua, or in Saran even dhala, is the back seat for carrying luggage, and it is also called even arani in South-East Tirhut and Champaran. It dori are the strings forming the side of the awning, and even parda is the side awning, which may be raised or let down as required. In Saran it is also called even ohar.
 - 217. The rails on each side of the driver's seat are and balli.
- 218. In other respects the bullock carriage is the same as the thinkra (see Chapter II).

CHAPTER V.—THE PONY CARRIAGE.

- 219. This is nearly the same as the bullock cart, on a smaller scale, except in the following particulars:—
- 220. The wheel is the same as in the bullock carriage (see § 151 and ff.).
- 221. The axle is at dhūra or at dhūri, which is strengthened inside by a short metal tube, with sāmma, with sāma, or with sāmi. In North-East Tirhut the latter is also called with sāma. There is one of these inside each wheel, and they act as a kind of washer. There is only one axle (at dhūri), on which both wheels run. Outside each wheel are a pair of gwill tulāwa, but inside there are no with thobh or given guriya, as in the bullock cart (see § 187 and ff.). Round the ends of the said tekāni, the with āk, and the axle, forming a triangle outside the wheel, is tightly tied a rope called the with jant, and just above the lowest angle of this triangle (i e., just above the point of axle), is tied to it a short stick serving as a footstep, called well salāi or well salaiya.
- 222. The तुसावा tulāwa are fastened to the पाक āk and the टेकानी tekāni (see §§ 167, 172, and 173) by iron hooks, called पंतरी ankuri or (Champāran, South Tirhut, and South Munger) जंदरा ankura. South of the Ganges they are also called in Shahabad and South Bhagalpur तुसार tulāi. पास hāl is the tire of the wheel. The leather splashboard over the wheel is तकता takhta or तकती takhti. In South-West Shahabad it is called पटन्य patra.
- 223. The props of the body are west danda (west), was danta (east and Champāran), or west khūnta. The top of the awning is wastlehhatri, and the roof of it is was chhat or (in Gaya) area tarak; near godela or (in South-East Tirhut and South Munger) are gaddli is a cushion at the top to keep off the sun. The awning at the sides is utreet parda, or in Sāran west situ ghata top, which is fastened by iron rings, well kari or (in Gaya) area kholi. The ropes which support the awning poles are wareful hathwānsa, and the rope trellis between the two rear awning poles are chauk. This last serves as a back to lean against.
- 224. The standard or stand khuntra are posts which support the body in front on the axle. stand dharua, stand dhārua, or (in South Bhagalpur) stand dhāluān, are the posts which support the body on the axle behind the standard. Itself bāwli or standard.



PONY CARRIAGE (EKKA), WITHOUT CANOPY. Hen Chunder Dutt, Student, Govt., School of Art, Calcutta.

Printed by Abdovil Rohim Govt. School of Art Calcutta.

AN EKKA WITH CANOPY.



bauli are similar posts behind the \$27 khanta, but in front of the darua. They are quite inside the body of the cart. To the west of the North Gangetic tract they are also called THE ganj. The difer ponchiya or (to the west) fugur pichhua are the pointed ends of the lower shafts behind. In South Bhagalpur they are called इंग्ने dagli. जान tān are the four iron bars which support the body on the axle. Two of them are called serara khuntatan or (in South-West Shahabad) गकानाम gajbāg. माँचा mānjha are similar wooden supports. The चाँबन्ती sāmwgi or चौती saungi is the twine net under the seat, and the straps which keep it up are the चौं के नारी saungi ke nāri. The गोड़िया goriya are side topes which fasten the splashboard to the axle, and the unian dhamaka is the leather siding inside the wheels. The four curved bamboo shafts are and tanga or (in Patna) टाँगा tānga. The दानी के बारी chhāti ke nāri is a strap inside, fastening the body to the axle in front of the दीनी के बारी saungi ke nāri. The सदाव ladāw are cross-pieces of bamboo from shaft to shaft, forming the body of the cart. In North-East Tirhut they are called पढी phathi, and in South Bhagalpur वचा batta. The net at the bottom is with jāla, and the ward! jhatka is a strong rope behind and below, fastening the cross-pieces of the body.

- 225. The driver's seat is करने kartali. The pieces of bamboo which run underneath from shaft to shaft, on which the driver rests his feet, are उत्तरकारा latkhora generally north of the Ganges, or उन्हों darenri in Saran and उन्हों danrera in South-East Tirhut. In Shahabad they are अतहा latera, in Patna and Gaya अदिका danriya, and करेरा tarera in South Bhagalpur. The नोडिका goriya or (in South-East Tirhut) बोडिका ghoriya are pieces of wood which join the upper and lower shafts. पत्नी pankhi are pieces of leather joining the upper and lower shafts near the yoke. These shafts are also fastened by a leather rope called, north of the Ganges, पुरुष्प muthra, and to the south of it बोडिका के नाही mothra ke nāri, or in Shahabad जुंदरहा के नाही munhra ke nāri. In Patna and Gaya it is called उत्तर chhara. The सोवपन्ता mothapra is a brass cap fitting on to the ends of the two shafts.
- 226. Harness.—The pointed part of the saddle is जीने khogir, or in Shahabad and East Bhagalpur जन् khagūr. The pad is जहां gadi or जहां gaddi. The wooden block is जडारा kathra or (in South-West Shahabad) कडाजा kathla. The rings through which the reins pass are जहां kara or राम जहां rās kari. The leather surcingle going over the saddle, round the horse's shoulders and across his chest, is प्रकार pushtang or प्रकार

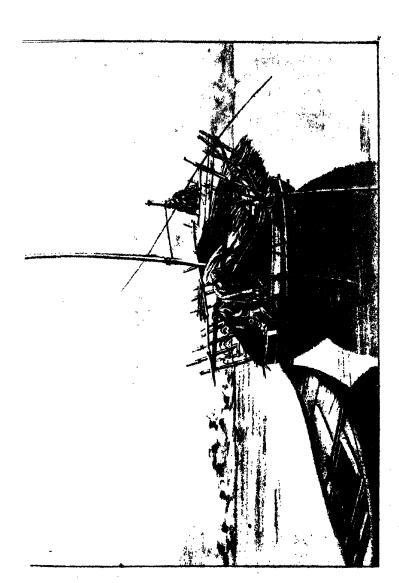
pustang. Another name is जोन jot. The leather belly-band is ना tang. राष rās means the reins; नावा tāwa or (in South Bhagalpur) नवन tawak, the leather cover of the saddle; नावान nāgla, नवाना nagla, or नवाना tasma, the straps which fasten the shafts to the saddle; and नावा tasma, the wooden side supports of the saddle. Other names for this last are नावा kainchiya (Champāran and Tirhut), नाविया goriya (South Tirhut, Patna, and Gaya), दिनावी ने सकती tikthi ke lakri in South-West Shahabad, and दिन्नी tetkhi in South Bhagalpur. दुनावी dumchi or दुनावा dumkaja* is the crupper. The bridle is प्राथम pānji patta, and the iron bit स्वाम lagām. The martingale is जेरावा jerband, the cloth over the eyes which serves as blinkers विपादी andhāri, the neck-ornament करा kantha, and the brass moon on the horse's forehead चाँद chānd.

- 227. वास्या ganjiga or नावादा tobra is the bag hung on either side for holding the passenger's shoes, &c.
- 228. The above is a description of an pure ekka when the canopy is attached. When this is taken down, a back railing is added, activately, instead of the rear posts, and instead of the two front posts two shorter ones are set up, one on each side of the driver's seat, called an ever nimdanda.

CHAPTER VI.—THE COUNTRY BOAT.

- 229. Boats are of various kinds. The following may be noted:—
 The general term for a boat is जान $n\bar{a}w$, and to the west also जैया naiya.
- 230. The larger kinds of boats are उचाँक ukink (which has a long narrow bow overhanging the water in front), में इंड नो melhni (which has a broad bluff bow), परंची pateli or परंजी pataili, also called in Sāran कार्ना katra (on which the boards forming the sides overlap and are not joined edge to edge), करा kachchha (which is shaped like a square shallow box, without proper bow or stern, and is steered with two rudders. It takes great hurdens, and will go in very shallow water), and the चर्हा saranga, or in Shahabad चर्चाना salīna, and in Tirhut चरिका sarinna (which has a round bottom for shallow water).
- 231. Smaller varieties are the dohat or in Shahabad the doët (which has a flattish bottom for shallow water, and has its bow and

^{*} The fate of the ekka pony is well shown in the proverb বাৰা সং হাৰ হুৱ ঘান হুনা-কৰা dāna na ghās, dunu sānjh dumkaja,—no grain or grass, and the crapper on night and morning.

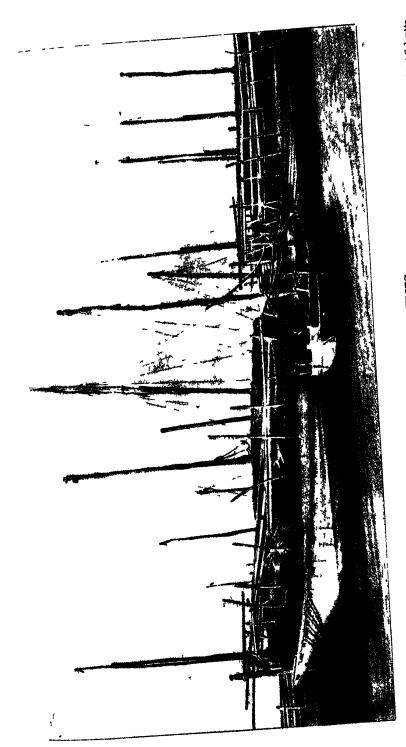


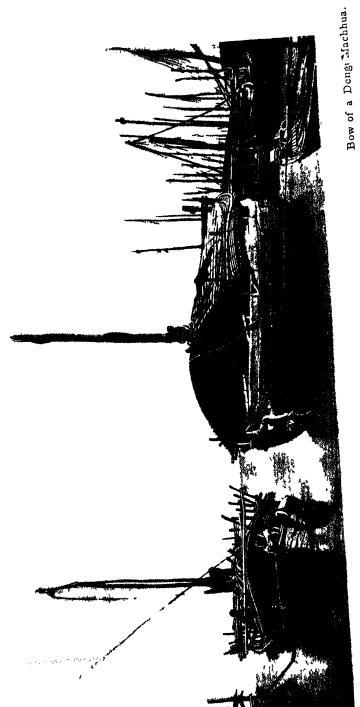
PALWĀR.

SARANGA.

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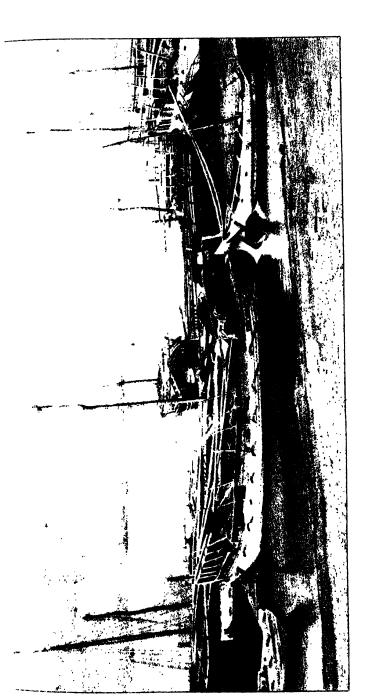


BOATS USED IN BIHAR.

l'ansùhi

Dohat.

Stern of a Melhni.



SARINGA.

LATAILIS ULĀNK

Peruted by Ababal Baham Gove. School of Art Calaute.

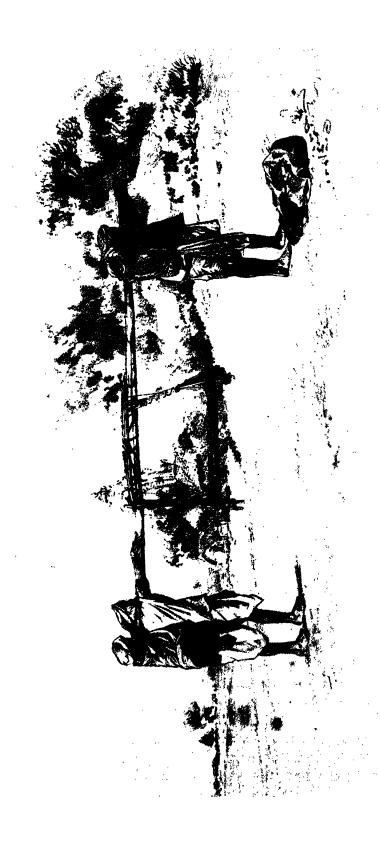
rn portions cut out of solid wood), and un and pansuhi (which has round bottom, but goes in shallow water).

- 232. The smallest kinds are पणः वार palwar or skiff and प्रवास ektha dug-out. The latter is also called वंगन्या bangra. Also the वासन्या olnaiya, with both ends rising like a gondola well out of the water, id which cannot sink. Another similar boat is called the चँगी महुचा ngi machhua, or dingy. चरन्य gharnai (South Bihar) is a temporary ft made of water-jars (चड़ा ghara) and bamboos tied together.
- 233. The parts of a boat are as follows:—The thwarts are ast qurha d the ribs बाता bāta or (in Champāran) उड़-बाता tharbāta, उदिया tharhiya n Champaran and North-West Tirhut), जोचा gochha (in Saran and outh-West Tirhut), get guchchha (in North-East Tirhut), and are ichh (in South-East Tirhut). Smaller transverse ribs are sta bānk. he outer planking is चार hār or (in South Munger) बाक्स bākal, (in hamparan and West Tirhut) बगल bagal, and (in North-East Tirhut) ाबक पार्टी kāchhak pāti. In Gaya it is जनसम्बार jalamhār. In Shahabad 10 planks which run from end to end in the length of the boat are बार ahār, and देवास dewal is also used to mean the "wall" or side lanks. The flooring inside the boat is vice patan or verges patwatan, in Saran velt patauri. A long plank running over this is in hahabad www. The grating above the bottom of the boat is रेकी chāli or (in South-West Tirhut) जहरहा urhrha, and (in Northlast Tirhut) पढाइ patāi. In a पढेकी pataili the planks at the bottom hich run from end to end are day lewa, and in other kinds of oats मरिया mariya or (in North-East Tirhut) मरेया mareya, and in aran सोरिया moriya. The platform on which the rower sits is पटौरी atauri or विडन bitan. When on the roof of a large boat, it is बीड it or पढार patāi, or in Shahabad एखःसचानी halmachāni or सचान nachān. The deck planks in the middle are पांडन्सा pātna. चचार chachār s brushwood put in the bottom to stand on. कड़-वा karwa or कड़-वा anrua are the posts which support the thwarts. Star jonka are iron ings to which the roof of the boat is fastened by ropes. In North-Bast Tirhut and South Munger they are called as kari.
- 234. When a boat is calked with the bark of the use parās tree butea frondosa) the calking is called two raswat, and when with hemp t is a string gahni. That atār (in Champāran and North West Tirhut) s string used for calking.
- 235. The keel, which is the first plank laid in making a boat, is the sikka. In Champaran it is the sahan, and the patain or the danda n South-East Tirhut. It runs the whole length of the boat, and hence

বিশ্বা sikka is also used to mean the two ends of the boat. The length of the boat is হৰব dawar, and the stern post ন্যায় galhi. The prow is মন্ত্ৰু malang, মানি māngi,* or মান māng.

- 236. The rudder is प्रतः patwār or (in North Tirhut) प्रतिपार patiyār. In Gaya it is प्रतः patwār. This is properly the lower piece. The rudder post is नोच gol, (in Shahabad, North-East Tirhut and, optionally, South Munger) ज्ञा khamha, or in Gaya नोचा gaula, and it is fastened to the thwart by a rope called निच्चा nathiya. The tiller is saila or (in South Munger and North-East Tirhut) ज्ञा danta, and the socket in which it works वनन्दा banra or (in North-West Tirhut) ज्ञा thel, and (in North-East Tirhut) ज्ञा thehri. One rope, by which the rudder is fastened to the boat, is नंदाना ganrkassa, and another, by which it is held up, is च्यानिया ankwariya. The steersman is मांची mānjhi.
- 237. चेवन्ता seuta or (in South-East Tirhut) चोता sota is the wooden vessel used for baling out water. An oar is डाँड dānr, a paddle कवचार karuār, केवचार keruār, or in Sāran कवचारी karuāri, and the blade of it पाता pāta. A punting pole is ज्यो laggi or ज्या lagga.
- 238. The mast is युर्खा gurkha or सबन्त mastūl, or in Shahabad युन्स्वा gunarkha, and the yard is बोर्खी morni. The mast is raised on a post to which it is spliced. This is द्रञ्च्या darsūdha or ज्योषा jasodha in South Munger and Tirhut, जरुखा jarsudha in Champāran, and जन्यमा jawsadha there and in North-West Tirhut. The socket in the bottom, in which the post is stepped, is द्रञ्च्या के बिद्या darsūdha ke maliya or सख्या malwa. The चन्यविया satwaniyān is the thwart to which the post is tied. It is called in South-East Tirhut चून sūl. The pulleys are विर्वे ghirni, and the sail is पास pāl, and in Shahabad चून sūrt or चून-विवा surtwaniyān.
- 239. The tow-rope is जून gūn or (in Gaya and the south-west) नोन gon, which is tied to pieces of bamboo called बंच्या berua or चूटा khūnta, or in Shahabad बंच्या barua, which the boatmen press against their shoulders when hauling a boat up stream. The man who tows is युग्नवाद gunwāh. चंच्यो lahāsi is a cable, and चंच्य langar or जिरावी girābi the anchor. A large iron anchor is चोच्यक्य lohlangar or जिरावी girāmi.
- 240. To draw water (of a boat) is पानि तोवन pāni torab to the east and पानि तूर्ड pāni tūral to the west, e.g. दे तच्या बक्षत कम पानि तूरत

^{*} The most comfortable seat is in the bow. Hence the proverb जनिका देवा परिवेश सामिका साधि सवार janikā khewa nahin, se agila māngi sawār,—the fellow who hasn't money to pay his fare takes the bow seat.



at i kachchha bahut kam pāni tūrat bā,—this kachchha draws very little water. To be aground is also tīkab.

CHAPTER VII.—THE LITTER.

- 241. The litter is चंदोन khatoli, चोची doli, or (in North-East Tirhut) चोटच्यो khotli. चोची doli is also used for the ornamented litter used at marriages, which is also called in South Bhagalpur पनःचार chandol or तक्ष्वकृष्य tartarwan. The last word is said by natives to be a corruption of the Persian على المعاملة takht rawan, or moving throne. In the west it is also called नांच्या nalki or विश्वका पांच्या biyahuti pālki.
- 242. The bamboo pole is with $b\bar{a}ns$, and from it the litter is suspended.
- The litter itself is well khatoli, and is a kind of small bed 243. (चरन्पाच charpāy) with a bottom made of rough twine (चतन्दी sutri). The sides and ends of the bed are with pati. In South Bhagalpur the sides are called us patti and the ends furear sirva. At each end two pieces of split bamboo run up from each corner, meeting about 3 feet above the bed, and thus forming a triangle. These bamboos are called Guist sipāwa, or in South Munger Guist sipāha, and in Saran fewer sipua, and they are fastened to the corners of the bed. and, at the apex of the triangle, to the pole by a string called access barkas. This string is also twisted round the ferrer sipāwa to strengthen them. A bamboo stick passes through the pole just behind the rear surar sipāwa, and, descending perpendicularly, is braced to them by strings. This is called Equi tenrua or Equi terua. It prevents the pole slipping round. The illustration shows a litter as carried by four persons, but this kind is more usually borne by two.
- 244. The feet of the bed are called un paua, and the strings for tightening the bottom of the bed are with orchan, and also in Shahabad with early ordawan.
- 245. Fastened to the pole over the bed, and in a plane parallel to it, is an oblong framework of bamboo slips for supporting the canopy. This is called seril thatri, and in South Bhagalpur also ward chhatni or ward chhatri; and the string braces descending from its four corners to the four corners of the bed, to keep this awning steady, are called are tan.
- 246. The illustration shows a litter without the curtains. When a woman travels in it, the whole is enclosed in a set of curtains like a bell-mouthed bag, called **THIT** ohär or **YEAT** pardā.

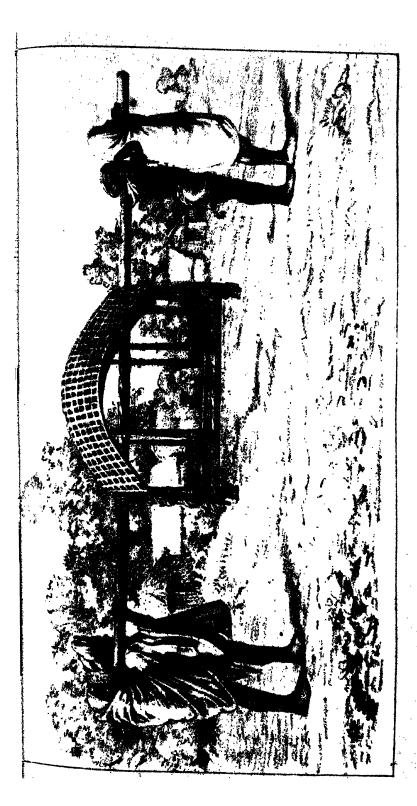
- 247. A superior kind of litter, used by richer women, is जेवा meāna, संख्या meñāna, संख्या mahappha, डाँड़ी dānri, or डेड्बा danri; It has a domed roof, called उटारी thatri, supported on eight pillars (fo at each side), called उटारी danta. The side-boards of the body are call होगान diwāl, or in Shahabad दिखाना dilhā, and the doorway दुवा duhāri, or in South Munger दुवारी duāri. The rest is like the होनी di
- 248. The street bardari, or in Shahabad street barahdari, a called in Saran street kharkhariya, is the corresponding litter used wealthy men. It is the native form of the Europeanized palanke In this the side-pieces at the bottom are called used pati or useur pati the net bottom senses bināwat, the legs user paua, the side-boa used patri, the four pillars at each side surfau sipaua, the doorn surfaultāri, and the roof use chhat. The shelf inside at the feet of the litter is street darāj.
- 249. The poles are called बॉब bāns, and the curved end of front pole बोप thop. The four iron struts at each end are called साम i and they meet in a ring (चुकिया chukiya or in South Bhagalpur च sami), which goes round the pole. The inner end of the pole rest a socket in the end of the litter, which is also called चुकिया chukiya, also in South Munger चामी sāmi or खुकिया khubiya. The rope netw filling up the space between the two lower struts at each end is ca क्यावट kasāwat, or in South Bhagalpur क्यम kasan.

SUBDIVISION VII.

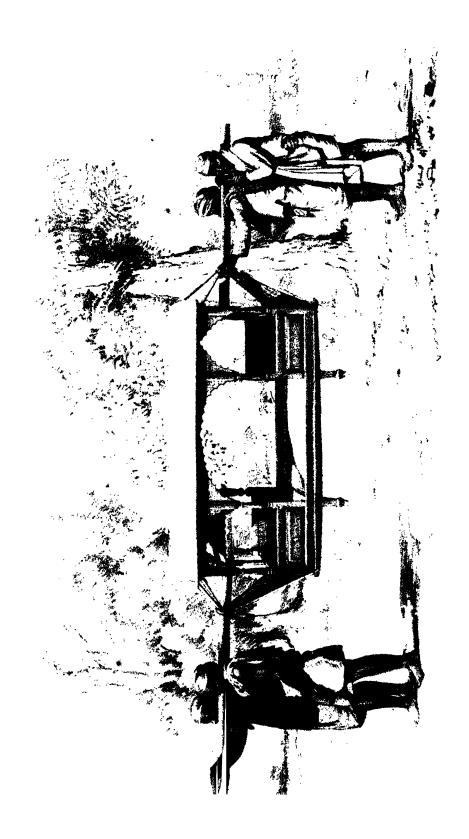
APPLIANCES USED IN RURAL MANUFACTURE.

CHAPTER I.—APPLIANCES USED IN THE MANUFACTUE OF OIL.

the province. In Gaya it is also are kelhu. It closely resembles sugar-mill, as described in the next section, and a detailed descrip is not necessary. Nevertheless, owing to the circumstances of therein, it has been found inconvenient to give an illustration sugar-mill, and accordingly the following description of a Patnamill is here given in order to explain the accompanying sketches. these reference can be made in reading the section on the sugar-in which the few points of difference are noted. A well-known pro-



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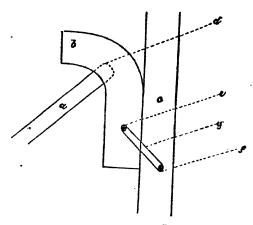
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about the oil-mill is the will street, the wife wife wife when it is given to him, and yet it goes to lick the oil-press; i.e., stolen goods are sweet-

- The hollow wooden block forming the bed of the mill.—This is atte kolh or atte kolhu, and in Gaya also atte kelhu. In this the cavity in which the oil-seeds to be crushed are placed is known as 32 net or var handa, or in North-East Tirhut z kūnrh and in Shahabad खान khān. In the oil-mill this cavity is shaped like an inverted cone. the apex reaching to about midway down the block. There it is about two inches wide, and thence it widens again like an hour-glass till it leads into the back of the top of the artist niroh." The lower half of this hour-glass cavity is known as ward athri. The lower end (43) mūnri) of the pestle (भद्रम mahan) is just wide enough to fit tightly into the narrow part of the cavity at the waist. The upper half of the cavity is that in which the oil-seeds are placed. It has a lining of a series of longitudinal pieces of hard wood, wider at the top and tapering to the bottom, which are very tightly wedged These are called with pachar. Sometimes, when these get worn away by the constant working of the pestle, a fresh lining is put inside them. In this case the old lining is called stayed tharpachra. or in North-East Tirhut नर-पन-रा tarpachra, and the new inner lining पेटन्पचन्सा petpachra.
- 252. The block is buried very deeply in the ground to steady it. The part below ground is called with jangha. Round the base a circular mound of earth is fitted, called with bhaunta, or in South Bhagalpur with bhauntho, in North-East Tirhut wat bhatta, and in Saran with nanjhauta; and in this, below the exit for oil, a space is dug out for the vessel (wat chhanna) receiving the oil.
- 253. The exit for oil is the triangular hole at the bottom of the block over the above-mentioned cavity. It communicates at its upper end with the and athri. This oil exit, together with the cavity for holding the vessel, are together called factor niroh, and in Saran and Tirhut also are naroh.
 - 254. The flat top of the block is called utt pāra.
- 255. The horizontal board to which the bullocks are attached.—
 This is called **unit** katri. On it the oilman (Aut tell) sits, and while he drives the bullocks he at the same time keeps pressing down the seeds into the cavity with his left hand.

256. The upright beam, or pestle, which moves in the holle the mill and crushes the seeds.—This is with mohan or were m To the west it is also called with jath, or in Shahabad with mohan in North-East Tirhut with mohain. The ball at the end of this k which fits into the narrowest part of the hollow of the block, is mūnri. The ferrule round this is we will murwari. The notch s this is we kānh or well kandha. The upper end of the pestle round fis we chūr or well pūnchhi, and the curved piece of wood join this is well dhenka, or in North-East Tirhut would dhenkua. curved block of wood connects the pestle with the upright post is fixed in the horizontal driving-beam: thus—



- 257. In the above sketch b is the \overline{c} at the top of motion fitting into it up to the point marked d. The uppost is c, which is fastened to b by a string g passing round the pegs e and f.
- 258. The upright post is called normal marthamh, or in a set we malk tham, the pegs e and f well khūnti, and the stricture nādhan, or in East Tirhut wie lādh and South Bhagalpur ledha. The string is generally made of straw. The upright p fastened to the horizontal board, and katri, by a wedge, normarkilli, which goes through the former and under the latter.
- 259. The horizontal board revolves round the main block of machine; at the end of the board nearest the block is fastened a lump of wood called to phenta, or in Saran to pheta, which actakind of washer between the end of the board and the block, and ralso rests against the latter, revolving in a horizontal groove (cutter mandar) cut in the latter's exterior surface. A bamboo

runs up from the inner portion of the horizontal board to meet the upright post, so as to strengthen the joint. It is called **account** kharchak, or in North-East Tirhut **again** khanchari, and in Gaya and Shahabad **again** khanchar.

- 260. The arrangement for stirring up the oil-seeds.—This is called reuti, or in South Bhagalpur uranish bharnathi or usual utkani, and does not exist in the sugar-mill. It consists of a peg, with khūnti, standing up in the cavity amidst the oil-seeds, alongside the peste; to its top is fixed a horizontal pole or handle, the other end of which is fastened to the upright post, uranimarthamh, by another peg, with khūnti. The whole therefore revolves with the pestle, the first peg moving amongst the seeds concentrically with it and stirring them up. At the same time the stirring is rendered more effective by the peg being perpendicular and the pestle on a slant.
- 261. The yoking apparatus.—The rope which is fastend to a peg in the end of the horizontal beam, passed round the hump of the bullock and back again to the beam, where it is tied into a hole, is called attat kārha, and the rope passing under the bullock's chest, joining the two traces thus made, is पेडी peti. The canvas pad on the bullock's hump is कांची kāndhi, and the cloth or wicker basket by which he is blindfolded is टोक्नी tokni or चोचा khola, or to the east चोचाचा kholsa. The rope from the bullock's neck up to the curved block or चेंचा dhenka is पगर्पा pagha, and the iron link fastened to this close to the bullock's neck is भीर कडी bhaunr kali. The rope round his neck, connected to the पगर्पा pagha by this link, is गर्द्याची gardawāni, or in North-East Tirhut गर्द्याची gardāmi and in Champāran गर्द्याची gardāni, and that going through the bullock's nose is जाय nath. A bullock employed in an oil or sugar-cane press is called a जारा वैद्या nātā bail.
- 262. Miscellaneous.—The circle in which the bullocks move is called ut paur or util pauri, and in South Bhagalpur also ut bhar.
- 263. The pot into which the oil drops is called wat chhanna. As much oil-seed as can go into the press at one time is called with ghāni. The oil-cake which remains after the oil has been expressed is called with khalli, or in Sāran with kharri, except the oil-cake of poppy seeds (viguat posta), which is called with with pina khalli, or simply with pina.

^{264.} To work the mill is चेरच or चेच्च perab.

CHAPTER II.—APPLIANCES USED IN THE MANUFACTUR. OF SUGAR.

A .- THE CANE-MILL.

- 265. The cane-mill is known as where kolh or where ke throughout the province. Patent mills introduced by European five are known as we kal.
- 266. It is apprehended that the following description of a cour sugar-mill will be of little else than antiquarian interest, for such mare fast disappearing from Bihār, being superseded by the Englimade iron crushing-mill made at Bihia. To such an extent has use of country mills died out, that the writer found it impossible to a single one in the sadr subdivision of the Patna district which was fit state for a photograph to be taken of it. They had all be broken up for firewood, only a few dismantled ones being availa For a general idea as to its appearance, the reader is referred to illustrations of an oil-mill in the last chapter.
 - 267. The following are the principal points of difference:-
 - (1) The hollow in the block has perpendicular and not slop sides, and it is hence cylindrical, and not conical, in she
 - (2) The sugar-mill has no रवन्ही rewti.
 - (3) In a sugar-mill the pestle and its appurtenances are of much larger scale. The কাৰল mohan is six or seven cu long, while in an oil-mill it is seldom more than three a half cubits, the rest in both cases being in proportio
 - (4) The names of the parts differ.
- This is generally known as and kolh or the kolhu. The cavity this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as and khān, or in Champāran and gh and to the east, and kund or and kūnr. In Shahabad it is known handa or and handour thandour thandour thandour thandour thandour thandour thandour the Ganges and handha or and handour the edge, at the top of this, a rim of mud is sometimes placed to prevente pieces of cane falling off. This is called and prevent it from splitt is and ban, and in Tirhut also and patter, and in South Bhagai
- 269. An iron ring is sometimes fixed under the block to previt being worn away by the crushing-pestle. This is generally with

morwar, with variants with a morwah (North-East Tirhut), and murwar (Shahabad and Patna), as mur (Gaya), att murera or as a murwar in South Munger, and savar chance in Saran. The star packer is a round piece of wood placed in the bottom of the cavi and on which the crushing-pestle moves. The or the rora is used the smaller wedges of wood placed in the cavity above this to help crushing the juice. These are also called star chandiya in Champār and North-East Tirhut, and with khonch to the east. In Sāran a Champāran the raun is a canal cut on the surface of the block throu which any juice thrown up may flow back into the cavity. In Nor West Tirhut this is called the rain, in North-East Tirhut this raspain, and in South-East Tirhut unit khāta.

- 270. The drain for the juice cut in the bottom of the block to the north with nardoh; also in Tirhut with naroh, in Nor East Tirhut with narohi, and in South-East Tirhut with raser; South-West Shahabad it is grave gujurua, and in the rest of district with joha or west rasha; in Patna it is wester rashāra facts niroh; in Gaya it is with chhoni; in South Munger, with chon and in South Bhagalpur, with larlo.
- 271. The wooden spout through which the juice drops is प्रकान patnāri. In the body of the block a channel is cut in which the blo केंद्रा phenta, of the driving gear works. This is called बरस्रा ghas in Shahabad and माँदर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached This is कानरी katri, with a variant, कानरि kātari or कानर kātar, Shahabad, South-East Tirhut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of mill and crushes the cane.—For this three names are current, viz. जो mohan (Tirhut, except the north-west, Champāran, Patna, and Sor Munger), with variants, जान mahan, in Gaya and North-West Tirh and जो जा shahabad, जार lāth (Tirhut and Champāra and जार jāth (Tirhut and Shahabad). The last word is used in Sār only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the holl of the block, is we man, we man, we man, with manni. The notch abo this is north of the Ganges and in Patna are kanh or an kandha. North-West Tirhut it is refer kanhiya, and in South-East Tirh panja. In Shahabad it is and kan or anoth langua. In Gaya it

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 - 267. The following are the principal points of difference:-
 - (1) The hollow in the block has perpendicular and not sloping sides, and it is hence cylindrical, and not conical, in shape.
 - (2) The sugar-mill has no रवन्ही rewti.
 - (3) In a sugar-mill the pestle and its appurtenances are on a much larger scale. The with mohan is six or seven cubits long, while in an oil-mill it is seldom more than three and a half cubits, the rest in both cases being in proportion.
 - (4) The names of the parts differ.
- This is generally known as are kolh or the kolhu. The cavity in this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as are khān, or in Champāran ar ghar; and to the east, are kund or are kūnr. In Shahabad it is known as thanda or are hanrolwa. In South Munger it is are hānra, and elsewhere south of the Ganges are handha or are handa. Round the edge, at the top of this, a rim of mud is sometimes placed to prevent the pieces of cane falling off. This is called are pīnr. An iron ring fastened round the block to strengthen it and prevent it from splitting is a ban, and in Tirhut also are pattar, and in South Bhagalpur marra.
- 269. An iron ring is sometimes fixed under the block to prevent it being worn away by the crushing-pestle. This is generally struct

morwar, with variants with the same morwah (North-East Tirhut), again murvar (Shahabad and Patna), aga mur (Gaya), again murvar or again murvar in South Munger, and savar chanwa in Saran. The single or single or the savity, and on which the crushing-pestle moves. The or the rora is used for the smaller wedges of wood placed in the cavity above this to help in crushing the juice. These are also called savity above this to help in crushing the juice. These are also called savity chandiya in Champāran and North-East Tirhut, and when to the east. In Sāran and Champāran savar rann is a canal cut on the surface of the block through which any juice thrown up may flow back into the cavity. In North-West Tirhut this is called to rain, in North-East Tirhut savar caspain, and in South-East Tirhut star khāta.

- 270. The drain for the juice cut in the bottom of the block is to the north acres nardoh; also in Tirhut acres, in North-East Tirhut acres naroh, and in South-East Tirhut the raser; in South-West Shahabad it is quart gujurua, and in the rest of the district are joha or the rasha; in Patna it is the rashar or facts niroh; in Gaya it is and chhoni; in South Munger, and in South Bhagalpur, acres larlo.
- 271. The wooden spout through which the juice drops is पत्त-नारी patnāri. In the body of the block a channel is cut in which the block, केंडा phenta, of the driving gear works. This is called वर्द्धा gharra in Shahabad and नाँदर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached.—
 This is and katri, with a variant, and katari or and katar, in Shahabad, South-East Tirhut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of the mill and crushes the cane.—For this three names are current, viz. जोइन mohan (Tirhut, except the north-west, Champāran, Patna, and South Munger), with variants, जान mahan, in Gaya and North-West Tirhut, and जो का mohan in Shahabad, जान lāth (Tirhut and Champāran), and जान jāth (Tirhut and Shahabad). The last word is used in Sāran only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the hollow of the block, is we man, were manner, with manner. The notch above this is north of the Ganges and in Patna with kanh or wan kandha. In North-West Tirhut it is that kanhiya, and in South-East Tirhut wan panja. In Shahabad it is with kan or want langra. In Gaya it is

end rounded off is the char or that churiya, or (in North-East Tirhut) is munr; and the curved block of wood joined to this is that dhenka or (in North Tirhut, Shahabad, and South Bhagalpur) that dhenka, and in Saran thenkuha. This curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-board.

- 275. This upright post is north of the Ganges, to the west, पराधा harsa or परिषा harisa, and to the east (and in South Bhagalpur) सनिक्ष्यम maniktham or मानिक यम mānik tham. In Shahabad it is सन्त्यम mankham, in Patna and Gaya खुटा khūnta or मरण्या marthamh, and साणियम mānikham in South Munger. The pieces of wood which keep the beam of the driving gear in the channel at the base of the block are जीमा jibha or जिमिया jibhiya, or in Sāran the front one is called च्या phenta, and the back one क्रेन kanail or (south of the Ganges) क्यो kanheli, and in Sāran क्यो kanaili. In North-East Tirhut they are called जिम्बा jibiya.
- 276. A rope of straw supporting the pestle by fastening it to the upright beam is north of the Ganges, to the west, नायन nādhan, in Champāran नयःना nadhna, in Tirhut नयान nadhān, but in East Tirhut चाप lādh. In Shahabad it is टंड्न्स tanrna, in Gaya नाय नरसा nādh barta, in Patna नायन nādhan, in South Munger नाय nādh or पर्य barah, and in South Bhagalpur पारंगी sārangi or वेषड ledha.
- 277. The bamboo strut attached to the horizontal driving-board, and running up obliquely to meet the upright post, is called north of the Ganges accepted kharchani, or south of it and khanchar (Shahabad), again kharchar (also in Shahabad), again kharchar or accepted kharchai (Patna and Gaya), again kudanriya in South Munger, and accepted kharcharo in South Bhagalpur. This is fastened to the driving-beam by a rope, called area naran or area nadha, or in East Tirhut area laran.
- 278. The part of the horizontal beam on which the driver sits is wife, kātari, wife, kātar, or wastl katri as above.
- 279. The leather thong by which this horizontal beam is connected with the yoke is stat nādha or (in Sāran) with kanheli, (in Gaya) stat utan nādha barta, and in Patna utan mānjha. The kārh or (in North-East Tirhut and Shahabad) utan kārha is a rope which is tied to a peg in the end of the horizontal board, passed round the hump of the bullock and back again to the board, where it is tied into a hole;

- and the rope passing under the bullock's chest, joining the two traces thus made, is देही peti.
- 280. Miscellaneous.—The circle in which the bullocks move has various names, viz. गारापोर gorpaur (Sāran), पोदर paudar (Champāran and Shahabad), पोर paur or पोरी pauri elsewhere north of the Ganges, in Patna, Gaya, and South Bhagalpur, वर्षो bahi also in Patna, and प्रस्ता barhara in South Munger.
- 281. The receptacle for the cane before it is cut (generally a hole in the ground) is बाँदिवारी genriyāri generally, and बाँदिवार geriyār to the west. The receptacle for cane ready cut is दोविवारी toniyāri, with variants दोविवारी toniyāthi (Sāran, Champāran, and South-West Tirhut), डोविवारी toniyās (North-West Tirhut), and दोव-वाद tonkhād (South Bhagalpur). In Shahabad it is called वारावार angarwār.
- 282. A wooden mallet is used for pressing the cane under the crusher. This is बारी thâpi; also in North-East Tirhut बिंदिड milit.
- 283. The cane as it is crushed is stirred up by hand, and the man who does this is called कारावास morwāh or कारावास monrwāh, or in South Bhagalpur धनावास ghanwāha. This man sometimes drives the bullocks also, and when he does so he is still called by this name.
- 284. The pot into which the juice drops is called generally thora or (in South-East Tirhut) at khor, other local names being and add (Shahabad) and grankunda (Shahabad, West Tirhut, and Patna), or (generally) was chhanna. Over this is often placed a basket or earthen pot with the bottom pierced like a sieve. This is called generally was chhanna, and result raschhanna, or and chheni. Local names for this are attain tarauri (Sāran and Champāran), for chhitta (also in East Tirhut), or forest chhirhira (Shahabad), and result daliya (South Munger). An earthen vessel for holding the juice is in Gaya value hathaila.
- 285. From these vessels the juice is removed to the boiler in a pot called with or water karāh, or sometimes with karāhā.
- 286. The blocks on which the cane is cut are north of the Ganges and in Shahabad fagger nisuha, a variant being fagger nisua in South Bhagalpur. Other names are theha (North-West Tirhut), which pariyetha (Gaya), gais kukāth (Patna), where parkath (South Bhagalpur), and status tonkatia or status tonkat in South-East Tirhut and Munger.
- 287. The hollow in the mill is in Bihār cleaned by hand while the crusher is turning: hence there is no apparatus in existence for raising the latter, as there is in Gorakhpur and Azamgarh.

- 288. The basket from which the mill is fed is the chainti north of the Ganges, with a variant, and chhiti, in North-East Tirhut. In Shahabad it is and ori (also in East Tirhut) or the chainchi, and in South Bhagalpur artist oriya. In Patna it is any batta, and in Gaya artist pathiya. The pieces of cane cut up ready for the mill are and genri to the west and optionally in East Tirhut, and and toni in Patna, Gaya, and to the east. In South-West Shahabad they are angari.
- 289. As much chopped cane as can go into the press at one time is बाबी ghāni, and as much juice as can be boiled at one time का tāw. The latter is also खेपान khepān in South-East Tirhut, पास pāk in Patna, and राज rān or राज्य rānh in South Munger and South Bhagalpur.
- 290. The cane after the juice is expressed is called star khoiya, with local variants sifest khohiya (Patna, Gaya, and the east) and sites khoiha in South Bhagalpur. In Shahabad it is also start chephua.
- 291. To work the mill is चेरच or चेड्ड perab, and when several cultivators take it in turns, each turn is called भाँच bhānj, पारी pāri, or (Gaya) पाउटी palti. When men work it turn by turn they are said to do it भाँचा चिरे bhānja sire north of the Ganges, चेरा पारी phera phāri in Tirhut, and elsewhere पारा पारी pāra pāri. Sometimes a mill is owned by co-sharers, and then their taking it in turns is भेंच-परिषा bhanjhariya, पित्रचेती sajhiyaiti, or (Tirhut) धवानेती sabthaiti, and also in North-East Tirhut पित्रचा sajhiya. In South Munger चेंच dhenk is the working of a mill by cultivators for a week in turn, one after the other, till the turn of the first comes again.

292. The men engaged on the mill are as follows:-

(1) The man who cuts the standing cane.—This man is singled angeriha to the west generally, negative generality in the north-west, wester pajwaha and success pagarwah or since pangarwah in Tirhut. In Shahabad he is also agreed genrchhila, or in the south-west of the district edgest chholwa; in Patna and Gaya he is access ketarpāra (from anti) ketāri, sugar-cane), since partāhar, or since partāhar, and in South Munger sacciss katarpāra or sacciss patarpāra. In South Bhagalpur he is stant ghurkatta or sacciss kataniya.

In Saran and Champaran these men do their work without wages in money, their pay being the leaves of the cane which they cut, which they take home and use for cattle fodder.

- 293. (2) The man who cuts the cane into lengths for the mill is well kanu in South Tirhut and Sāran. In Champāran he is waster pakwah, and to the west he is affected genrikata or waster angarwah. Elsewhere he is south-East Tirhut. In North-West Tirhut he is simply called again majūra, and in North-East Tirhut sometimes wa jān. In Sāran and Champāran the same person cuts the cane and boils the juice, hence his name.
- 294. (3) The driver of the mill is anti-are katarwah, with variants anti-are katarwah or anti-are katarwaha, and in South Bhagalpur anti-are katarbaha. In South-West Shahabad and in Tirhut he is called anti-are hankwa.
- 295. (4) The man who feeds the mill.—He is बॉरन्याच monrwah or ब्रास्थाच morwah generally. In Patus and Gaya he is धनन्याचा ghanwaha or (in South Bhagalpur and South Munger) बनन्या ghanbaha.
- 296. (5) The man who removes the crushed cane.—He is haluāi in North Tirhut; elsewhere this is done by the man who feeds.
- 297. The buildings.—The whole manufactory, including both cane-mill and boiling-house, is called a test kolhuar, or in South-West Shahabad attact golaur. In Patna, Gaya, and the east it is called attact kolsar.
- 298. The house in which the cane is cut into slips for the mill is called गॅडियार genriyar, or गॅडियारी genriyari to the west and टोबियारी toniyari to the east. Local varieties of this last are टोबियाची toniyasi in North-West Tirhut and टोबराइट tonkhād in South Bhagalpur.
- 299. Folklors on the subject.—Near the place where the cane is cut into slips the men make a round idol of a deity called wart are makar bir, or in Shahabad wares are mahkar bir, and in North-East Tirhut wares mahkar. He is said to have been originally a Dom, who once came to a sugar manufactory in the olden time and asked for juice, which the people refused to give to him. Thereupon he jumped into the boiler and was boiled to death. His spirit became deified, and is now worshipped by the workmen. The worship consists in pouring a little water on the

image when the cane is brought into the manufactory from the field, so that he may wash himself. Then five canes are put before him. They are then cut up and put first into the mill. The first juice that comes out is also poured over him, and then the rest may go into the boiler. In South Bhagalpur the deity worshipped is freely biswakarma.

B.-THE BOILING-HOUSE.

- 300. This is in Saran गुड़ीर guraur, and in Shahabad नोचौर golaur; elsewhere it is simply कोस्ट्रचार kolhuar or कोसन्सर kolsar as above.
- 301. The fireplace is पूक्त chūlha, or in South Munger नामकोर gamher. The hole through which the fire is fed with fuel is generally ज्ञास much or मुंच much, but in Patna and Gaya it is मोचाना mohkha. The hole through which the fire is raked is चाँची sānsi generally north of the Ganges, नेन-का nangra in North-East Tirhut, चूनका langra in Shahabad, and च्याम udhān in South-East Tirhut. Elsewhere it has no special name. In Sāran चूनका langra is a receptacle for the juice when removed from the boiling-pan.
- 302. The outlet for smoke is भुषांबर dhuānkas north of the Ganges and in Shahabad. In South West Shahabad it is भुष्का dhundhuka, in Gaya it is रिका hikka, in Patna चींक hink, and बेंग-ज़ा nengra in South Bhagalpur and South Munger.
- 303. The stick used as a poker is बोराजी khorni, or in Patna बोराजा khorna. Local names are बोराजा khodauna (South-West Shahabad), बाराजा lahwāi (Shahabad), and बंदाजा anchna (to the east). In Shahabad बर्चो pharuhi, or in the west generally प्रश्नी phahuri, is a piece of wood used for raking out ashes. The man who stokes the fire is called कान kānu north of the Ganges and in South Bhagalpur and Shahabad. Local names are प्राविधा dhurkamiya (South-East Tirhut), प्राविधा chuljhonka (East Tirhut and Shahabad), प्राविधा chulhancha (East Tirhut and Gaya), विश्वाचा anchwaha (Patna), and बेंद्राजाचा anchtāhar (South Munger).
- 304. The vessel in which the juice is collected before boiling is नाद nād or नादो nādi, or (in Gaya) पड़ी chatti, (North-East Tirhut) नगरी gagri or चेचा ghaila. Generally, however, it is kept in the पड़ा chhanna (see above), of which there may be several in use at one time.
- 305. The spoon for taking the juice out of the boiler is north of the Ganges, to the west, and kathahi or active kathkhurpi, and to the east (also in Shahabad) was saik or was saika. Elsewhere south

of the Ganges it is suit saphai or suit saphaiya. In South-West Shahabad it is, however, sitest dohra, and in South Bhagalpur it is suit dapti or suit dabbu.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खरापी khurpi generally. In Saran and Champaran it is खरापा khurpa, and in North-East Tirhut खडाखरापी kathkhurpi, the meaning of which here is different from that in Saran, Champaran, and West Tirhut. In Patna it is पंदानी perni, and खपाउन daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer पौजा is pauna, or (North Tirhut) नेपावा mailchhanna, (South-West Shahabad and South Bhagalpur) धापी thāpi (also made of wood), and जंगारा jhanjhra in Patna, Gaya, and South Munger. Sometimes it is not necessarily of iron, and then it is खुरापा khurpa in South-West Shahabad, प्या hatha or प्राथम hattha (of earthenware) in Patna, Gaya, and South Munger, and ह्या chhanauta in Sāran and South Bhagalpur.
- 308. The boiling-pan is called कराड, कड़ार karāh or कराडी karāhi. The earthen vessel used for removing- the cooked juice from the boiler is north of the Ganges चैक suik or चका saika, and in Shahabad it is पँगीरा pangaura; in Sāran it is पाँड़ा paunra. The pot in which the boiled syrup is placed is called बहुती matuki south of the Ganges, also (South-West Shahabad) चोड़ी ori, (Gaya) बहुन्दा nadua, चोरा khora in the South-East, and कड़ी kūnri in South Bhagalpur.
- 309. जाद nād is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पींड़ा paunrha or पींड़ी paunrhi. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called सुराइस gurdam or (in South-West Shahabad) सुराइस gurdan. In Tirhut it is also called द्वासन dabkan, and in South-East Tirhut सपर sapaī.
- 310. In North-East Tirhut was mat or with is the large vessel in which the juice is finally congulated. These are in Tirhut gardgurpaur, and in Champaran (made of sun-baked earth)
- 311. THe rab is undrained raw sugar, and $q = g\bar{u}r$ is rab boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

O.-THE SUGAR REFINERY.

- 312. A sugar refinery is known as चीनी के चर्चाना chini ke kar-khāna or चीनी के बोदान chini ke godām. South of the Ganges the word चंड्रचार khanrsār or खंड्रचारी khanrsāri is also used. The house in which the sugar is refined is called पूदा के घर chūlha ke ghar or चरा के घर karāh ke ghar. In South Bhagalpur it is चरा bhattha.
- 313. In making coarse sugar (কাঁথী খীৰী kānchi chīni), a vat, a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad हो e haud or हो and haudi, in Gaya वर्ग्या chahbachcha, in Patna खँड्जारमा khanrgarna, and in South Bhagalpur पुरस्को gurhandi. North of the Ganges and in Gaya it is बाद nād or बाँद nānd.
- 315. The drain is कासी nāli or कारी nāri, or in South Bhagalpur करादा karha. In Sāran it is also called बाता khāta.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, जाद nād or जाँद nānd. In Shahabad it is जोगा dobha, in Patna जोद haud or जांचा charua, and elsewhere south of the Ganges जांचा chahbachcha.
- 317. The treading-floor is use patta north of the Ganges. South of it, it is in Shahabad uter patta, in Patna and Gaya uters chabutra, and to the east at chatti.
- 318. In making regular sugar or successful, the drain and the reservoir are used as before. The bundles (start motri, or in Patna start nargi, in Gaya unt thaiya, and in South Bhagalpur start gāja) of sugar are tied up in cloths [with lotha or (in Patna and Gaya) successful chhalna], placed on a bamboo framework and pressed with weights of stone or sun-dried clay. The framework is called north of the Ganges with khānch or with khāncha, or (in Champāran and East Tirhut) with chāncha. In Shahabad it is satist thatri or taxist tikthi, in Patna and Gaya satist tekthi, and in South Bhagalpur with chānchri. The weights are with chāmpa, or, when made of stone, was pathal, or in Saran unit thāpi.
 - 319. The following utensils are used in the boiling-house:-
 - (a) An iron boiler, were karah, were karaha, or were karahi.

 When an earthen boiler is used, it is called were khapra or week khapri, or in South-West Shahabad and East Tirhut were athri.

- (b) An iron ladle for removing the soum. This is स्वीटा chhanauta or पीना pauna, also in Patna and Gaya फंकारा jhanjhra.
- (c) An earthen pot with holes in it, used as a filter, সাহ nād or কাঁহ nānd. In South-West Shahabad it is ভাইৰাত সাহ thenthiwāl nād.
- (d) A filter of river grass, known as सँवार semwar or चेवार sewar, or in North-East Tirhut चेवार semar.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called বিশ্বা situa, or in South-West Shahabad বিশ্বা situha or ব্যাহা sutuha. A curved knife used for the same purpose is বিশাৰেলী sihorni in Sāran and Champāran, বিশাৰেলা sehorna in Shahabad, and বাহৰেলা sohurna in North-East Tirhut.
- (f) The filtering-basket for cleaning the same is ভাৰা khāncha or ভাৰী khānchi. In Gaya it is ভত্তৰা dalwa, and in the east also ভবী deli.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges नांतिया tāmiya or (in Sārān and North-East Tirhut) निवा tamiya. South of the Ganges it is स्था dabbu, (in Shahabad) गुरुद्ध gurdan, or in South Bhagalpur भौभारा jhanjhra.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is আনা tāma north of the Ganges; in Shahabad it is অংকৰী khurchani or ভাৰনো dohra; in Patna and Gaya it is ভাৰতৰী chholni; and in South Bhagalpur ভাৰতৰা dohla.
- (i) The earthenware jug for pouring the syrup into the boiler is उंदा saika, also द्वा hattha in Patna and Gaya, and पंचनी panchni in South Bhagalpur. A larger jug of the same kind is विमन्द्रा nimra north of the Ganges, and विमन्द्रा nibra or प्रचा parchha south of it; also नीवा taula in the east.

- (k) The shovel for stoking the fire is प्राची pharuhi or प्राचा phahura in Sāran and Champāran, and प्राचा pharuha or कोदारी kodāri in East Tirhut. In Shahabad it is प्राचा khorma, or in the south-west of the district प्राचा pharsa. In Gaya it is प्राची karhni, in Patna प्राच्या agkarhna, and in the east प्राच्या karchhul.
- (1) The ladle for stirring the hot syrup in the cooling pan is নমিবা tamiyān north of the Ganges and নীৰিবা tambiya in Shahabad. In South-West Shahabad it is তুলু dabbu, in Patna and Gaya ৰতাৰা ghatna, and in the east also হাবা dāba.
- (m) The piece of matting or cloth in which the sugar is dried in the sun is पास pāl, also in South-West Shahabad पाटा pāta, in Gaya टप्प tappar, in Patna टाउ tāt, and in South Bhagalpur परी chatti.
- (n) The flat wooden pans for cooling the syrup are कडोता kathauta or कडोती kathauti, also in the east कडोत kathaut, and in Saran कडव्बत kathwat. In Saran and Champaran they are नाइ nad or चोचीनी osauni.
- (o) The vessel into which the juice drops as it is filtered is पराधा parchha or (North-East Tirhus and Shahabad) नौसा taula.

CHAPTER III.—APPLIANCES USED IN THE MANUFACTURE OF INDIGO.

- 320. Indigo manufacture is confined almost entirely to North-Gangetic Bihār.*
- 321. The indigo beating-vat is not a fine (or sign) mahai ke hauj (or haud), and also in North-East Tirhut no fine mahaniya haud. The water reservoir is not khajana. The upper or steeping-vat is not bojhai ke haud, or in East Tirhut no fine to bojhaniya haud. The rake for agitating the fermented liquor is not phahuri in Saran and not pharuha elsewhere. In North-East Tirhut it is also not pharma.

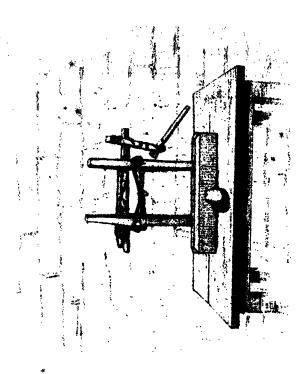
^{*} The author is indebted to W. B. Hudson, Esq., for much of the information contained in this chapter. The system of manufacture described is the old style, now only used by natives. In European factories the use of steam power has made considerable changes.

- 322. The beams of wood for pressing the plant are that dabauta in Saran and Champaran, that sahtir in Tirhut and Saran, the dah or the dharan in North-East Tirhut, and the bim in South-East Tirhut. These are supported on projections in the walls of the vat, called that majusi, or in Champaran and tan. In East Tirhut they are called forward sirpaha. Under these pressing-beams are placed, the ballal, or in Saran that kainch, which are bamboos laid immediately on the top of the plant.
- 323. The चौद्वारी haudri (Sāran and South Tirhut) or साम खड़ी māl jhari (Champāran and North Tirhut) is the small reservoir where the indigo juice collects to be taken to the boiler. The drain is नासी nāli or नारी nāri, or in Sāran सोरी mori, and the चेन्न chhekan is the door by which it is closed. The strainer is सभा chhanna, or in South-West Tirhut पहर chaddar.
- 324. The boiling-room is कराइ घर karāh ghar. The चेल mej is the wooden or masonry straining table in which the indigo is put after being boiled. This is the name in Sāran, Champāran, and West Tirhut; to the east it is बाजू चेल bālu mej or (in South-East Tirhut) साल चेल māl mej.
- 325. The utile pirich or utile piris is a corruption of the English word "press," in which the boiled liquor is placed in a cloth and the water pressed out. In Sāran stat dāla, and elsewhere saint chalna, are the perforated boards placed above and below the indigo in the press. The screw of the press is us pench. The square boss or nut on it is saint dhibri. The utiled morni is the spanner or apparatus for turning the screw. In South-East Tirhut it is also united mamorni or uses pechkas. The large wooden beam through which the screw passes is due theha in Sāran, and elsewhere saint dabauta or sta dāb; when it is made of iron it is called in South Tirhut at bānk. The saint kutka are small pieces of wood placed below and above the use dāla or uses chalna.
- 326. The machine for cutting cakes is warm pharma, and the wires with which they are cut are tar.
- 327. The cakes of indigo are नोडी goti, and they are dried in a drying-house, नोडी बर goti ghar, on shelves, called in East Tirhut मचान machan, and elsewhere चानो chāli.

- 328. The following are among the implements used in indigo agriculture:—
 - (1) The भरम समी dharm laggi, a wheel for measuring land, each revolution of which covers one समी laggi.
 - (2) The sere kudar or serie kudari, a mattock for digging.
 - (3) The **T** har or plough, which is of two kinds—
 - (a) विचापनी bilāëti, or English plough.
 - (b) देशी desi or कड़ीर kathaur, the country plough.
 - (4) at anri, the drill plough.
 - (5) aut kanta or saited khakhorni, the rake or harrow.
 - (6) खुरूपी khurpi, the spud for weeding.
 - (7) The hansu or Than hansua, the sickle for cutting the plant.

CHAPTER IV.—THE SPINNING-WHEEL

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirhut, in the year 1879:—
 - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a bigha and a half of cotton field. The cotton atom banga (see § 1016 for the various names and varieties) was of the kind called atom kokti, which ripens in the month of Bhādon (August-September). It was pulled out of the husks from the tree.
 - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called work karkut. This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
 - Ist October.—Commenced to separate the seeds, बँगीर bangaur, from the बाँबा bānga. This is done by a machine called बराबी charkhi, which consists of two rollers, about an inch thick, of hard wood tightly wedged one above the



THE SPINNING-WHEEL (CHARKHA).

on Belancy Dags Student Boot. School of Art Calcutta.

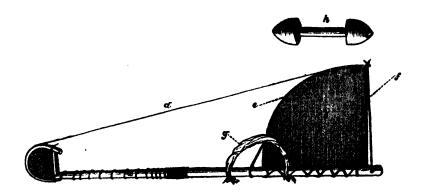
MACHINE FOR CLEANING RAW COTTON (CHARKI)

Primes by Abdoor Rohim Govt School of Art Calour

other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper screw has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The start bānga or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

- 330. The two upright standards are called we khūnta, and each of the rollers wife jāthi, or in Sāran ward sanrāri. Underneath the rollers is a cross-bar, called we kal, joining the two uprights and holding the machine together. The wal khūnti is a wedge going through each upright from front to back, under the cross-bar and holding it and the roller in their places.
- 331. The पचरी pachri are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सकरी makri, and it is held to it by the किसी killi or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called सामित lagani, or in Saran स्थीनी chalauni and in Gaya स्थीरी hathauri.
- 332. The base of the machine in which the uprights rest si called चौदा pirha, or to the west पिडिया pirhiya, and out of this projects behind, along the ground, the सकावा majhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seads by this machine, is called $r\bar{u}$, $\bar{r}\bar{u}$ rui, or $\bar{r}\bar{u}$ tur,—the last by women of the upper Hindu castes, and the two first by Musalmans and low-caste Hindus.
- 334. The above lasted three days. It was then again cleaned (सूज्य tūnab, सूज्य tūnab, or (in Shahabad) सूज्य tūnab, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (भूग dhūnab, to card).
- 22nd October.—To-day two cotton-carders (धुनिया dhuniya) came to card the cotton. Each brought with him a machine, called a धुनःको dhunki, or to the west धरुषो dhanuhi. In Gaya it is धुनेटो dhunethi, in South Munger and South-East Tirhut धुनेड dhunaith, and in South Bhagalpur धुनःष्ठ dhunhath.
- 335. It is composed of the following parts:-



- (a) The flexible piece of wood acting as a bow, called **ৰফ**ী danti or **ৰফ**া danta to the east and ৰাঁকা dānri to the west.
- (b) A broad wooden board, called **utter** phareha in North-East Tirhut. In South-West Tirhut it is **utter** pharauta, in South Bhagalpur **utter** pharuha, and elsewhere as **utter** pharha.
- (c) The bridge over which the string is passed, माँगी māngi. In Shahabad and also optionally in East Tirhut it is माधा mātha, in South Bhagalpur महत्वा mathwa, and in South Munger महत्वाची magwāsi.
- (d) A leather string, called কান tant. In Patna and Gaya it is also called বাৰা roda.
- (e) A leather strip acting as a sounding board, lying along the round edge of the **util** phareha, on which the string rebounds, called **yet** puchhet or **yet** puchheta generally,

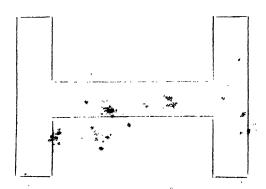


A Cotton-cardor (Dhuniya) at Work

- पर्दोडा pachhauta in Tirhut, and काँकर kānkar in Sāran and Champāran. In North-East Tirhut it is प्रकृतिक pushtail, and an optional name in Shahabad is प्रकृतिक puchhauta.
- (f) A stout leather string along the outer side of the फरेंचा phareha, to one end of which the नाँन tant is attached, while the other end is fastened to the चाडी danti. It is used to tighten the नाँन tant, and is called चिराची ghirchi or चुराची ghurchi. When pegs are used for tightening this, they are called चोरी biri or चिरिया biriya.
- (g) The sure hathhar, sure hathgar, or sure hathkar, is a loop of string under which the left hand is passed to hold the machine steady. The above is the name current in North-East Tirhut. South of the Ganges it is also called sure hathkar, with variants sure hathkar or sure hathkar in Shahabad. In North-West Tirhut it is sure hathra, in South-West Tirhut and Sūran sur hathā, and in Sūran and Champūran garaget muthwāra.
- (h) The mallet for twanging the bow, of wood, shaped like a dumb-bell. It is held in the right hand, and the নান tant is struck and twanged with it. It is called জিলা jista, and also (in Tirhut and South Bhagalpur) হিলা dista. In Patna it is called হলা dasta, and in South Munger হিলা distha.
- 336. In using this instrument it is held by the left hand under the next hathkar, which passes over the wrist, and the next twanged the midst of the cotton by the form jista, which is held in the right and. This process loosens the texture of the cotton, and causes all the 1st and dirt to fly out of it. The grand dhunki is not allowed to rest the ground, but is supported in the air by the reserve hathkar passing for the wrist, and it springs up and down as the next tant is twanged.
- 337. The whole pile of cleaned cotton was called nto gothi. While is was going on, two old women were called in to make little hollow lls of cotton to be made into thread. They are called to the east mini, and to the west trail piuni or result peuni. A local name in last Tirhut is all pir. These are about four inches long and a quarter an inch thick. A lump of clean cotton, the size of a walnut, is put und a thin skewer, called trail pinrheari, and is then rolled on a lard, called trail pirhiya, with the palm of the hand. These are en tied up in bundles of about ten each, called trail mutthi.

- 338. These with pini are now ready for being made into thread in the spinning-wheel.
- 339. The spinning-wheel is **परन्या** charkha, but in South-West Shahabad it is **एकटा** rahta, and in the south-east **परन्या** jarkha.
 - 340. Its parts are as follows:-

The foundation.—This is in the shape of a double letter T: thus—



- 341. On one of the cross-pieces the driving-wheel stands, and on the other the spinning apparatus. This foundation is called पीड़ा pīrha or पिड़िया pīrhiya to the east, and पिड़र pīrha to the west. The connecting bar between the two cross-pieces is मेंगाचा manjhwa or मार्गा mānjha, in Patna and Gaya it is खना पार्टी latkhora, and in South Bhagalpur मनाभार manjhāi.
- 342. The driving-wheel.—The supports of the driving-wheel are called wat khunta. The wheel itself is composed of two parts,—
 - (a) The central boss or nave, and
 - (b) The four spokes on each side of the nave.
- 343. The nave is called मूंची mūnri or मुद्दी mūri south of the Ganges, and मूंदी mūnri or मुद्दिश munriya north of it; in East Tirhut it is also सामा tāma, and in South Bhagalpur and South Munger पेसा paila. It is about 5 inches long and 4 inches thick.
- 344. There are four spokes lying across each end of the nave from one circumference to the other; there are therefore eight radii on each side, and they are so arranged that the radii on each side are not opposite each other, but alternate. Each of these cross spokes is called yell putti or yell puti, or in South-West Shahabad asset kamri; sometimes they are also as that a khunta or set khunta.

345. These spokes are held in their places by a string, called with awal to the west, which amwal in Patna and Gaya, and which amal or which amal to the east. In South Munger it is which amhal. This string goes round the extremities of each radius of each side alternately: thus—



It forms therefore a kind of edge or rim of a broad wheel, something like a paddle-wheel, and over it passes the driving-band which turns the spinning apparatus. This paddle-wheel is about a foot in diameter and five inches thick.

- 346. The central axle of the driving-wheel is called wire lath generally north of the Ganges and in South Bhagalpur. In Tirhut it is called wire jath, and in North-East Tirhut also wire latth or with South of the Ganges it is generally with belna. It is caused to revolve by a crank end called ward makri, or in Shahabad and West Tirhut with nak. It is will darhi or elegal darhiya elsewhere south of the Ganges, except South Bhagalpur, where it is again ward makri. To this is attached a handle, called to the west and in Gaya wallar halauna, and to the east with larna or with larani. In South-West Shahabad it is called with bhaunti or with hamwat, and in Saran prionally wall chalauni.
- 347. The driving-band is called non mal or not math. It is ubbed with rosin (non dhuman) and oil (not tel), and is then blackened with charcoal (not keela). The driving-band goes twice round he driving-wheel and the spinning-axle, once passing through the notation mathathi (vide post), and once not.
- 348. The spinning apparatus.—We now come to the spinning pparatus. There are three perpendicular uprights. The two outside ness are called **upratel** malkāthi. n Patam these three uprights are called together upratel achkathiya, and in South-West Shahabad **upratel** khuntiputti. The we outside ones support the bearings of the spinning-axle, and the

centre one has in its length, facing the driving-wheel and going right through its thickness, a long slot cut. One of the strings of the driving-band passes through this slot, and the other passes outside it, so that the double turn round the spinning-axle can never get jammed up together, and so entangled.

- 349. On the two outside uprights, on the side furthest from the driving-wheel, project two stiff pieces of leather, called **variation** chamrakh. These form the bearings of the spinning-axle, which passes through them.
- 350. The spinning-axle.—This is called the takua, and also to the west takua. It is an iron skewer about 8 inches long and an eighth of an inch thick at the thickest part. It projects a distance of three inches beyond its bearing on the same side as the handle of the driving-wheel. This bearing has on each side two little pieces of wood fitting on to the spinning-axle, which act as washers, and are called thuchethic. Outside the outer washer on the spinning-axle is a flat disc called the phirki, and two and a half inches of the axle project beyond it.
- 351. The driving-band, after passing twice round the driving-wheel, passes through the normal malkāthi, then twice round the spinning-axle, and then back to the driving-wheel outside the normal malkāthi; and it is evident that even the slow turning of the driving-wheel will make the spinning-axle revolve at a very high speed indeed.
- 352. In spinning, the projecting point of the spinning-axle has a short length of thread attached to it, and then, while the handle of the driving-wheel is turned with the right hand, a roll of cotton ($\sqrt{1+1}$ $p\bar{\imath}n\bar{\imath}$) is held in the left hand between the finger and thumb, and the cotton, being quickly caught up by the length of thread, is drawn off in the shape of thread on to the quickly revolving spinning-axle.
- 353. When the projecting point of the spinning-axle is filled with thread, the whole is called a said kukri, or in Saran said kukurhi, and is wound off on a winder, called user parta or user pareta. It is also called in South-West Tirhut user natwa, and in East Tirhut user latwa or exerci natwa. In South Bhagalpur it is called use nata. This is like an ordinary silk-winder. The handle (user chalauna) of the driving-wheel is taken out of its socket in the crank (user) makri), and in its place is placed one end of the axle of the winder. The other end is held in the right hand, and is revolved between the finger and thumb. The winder

conical in shape, and does not need further description. It will ld half a quarter of a ser of thread at a time. When it is led, the thread is taken off and tied in hanks. These are generally जा pola, पोडी poli, or पोडिया poliya. Local names are बची natti forth-East Tirhut), खनी latti (Patna and Gaya), and करानी karchī South-West Shahabad.

354. The diary breaks off here temporarily, as the spinning of this rticular cotton was not done in the writer's presence. He wished thread to be spun as fine as possible, and as this could only done by Brāhmani women, who would not come to a strange use, this part of the work was done by them at home.

CHAPTER V.-THE, WEAVER'S LOOM.

- 355. The following is a continuation of the same diary.
 - 18th January 1880.—The skeins of fine thread were brought to me to-day, and were put in water. To soak for eight days. This strengthens it.
 - 27th January.—After they had soaked this period I sent for a weaver. A Muhammadan weaver is जोसन्दा jolha or मोमिन momin, and a Hindu weaver is तैनन्दा tantwa or नाँसी tānti, or, in Shahabad नाँसी tānto. Sometimes the Hindi word जोसादा jolāha is used instead of जोसन्दा jolha.
- 356. The Musalman weaver or start jolha is the proverbial fool Hindu stories and proverbs. He swims in the moonlight across fields flowering linseed, thinking the blue colour to be caused by water. It hears his family priest reading the Quran, and bursts into tears the gratification of the reader. When pressed to tell what part feeted him most, he says it was not that, but the wagging beard the old gentleman so much reminded him of a pet goat which addied. When forming one of a company of twelve he tries to ount them, and finding himself missing wants to perform his own meral obsequies. He finds the rear peg of a plough, and wants to stap farming on the strength of it. He gets into a boat at night, and forgets to pull up the anchor. After rowing till dawn he finds imself where he started, and concludes that the only explanation is

that his native village could not bear to lose him, and had followed him. If there are eight weavers and nine hukkas, they fight for the odd one. Once on a time a crow carried off to the roof of the house some bread which a weaver had given his child. Before giving the child any more he took the precaution of removing the ladder. Like the English fool, he always gets unmerited blows. For instance, he once went to see a ram fight and got butted himself, as the saying runs:—

करिगच बाढ़ तसाचा जाव जाडक चीठ जोजाडा खार

Karigah chhār tamāsa jāy, Nāhuk chot jolāha khāy.

- He left his loom to see the fun, and for no reason got a bruising.' Another story (told by Fallon) is, that being told by a soothsayer that it was written in his fate that his nose would be cut off with an axe, the weaver was incredulous, and taking up an axe kept flourishing it, saying थीं करावा तर बोड़ कांडावीं, वी करावा तर वाय कांडन्बों, श्रीर यो करन्या तय मा-, yon karba ta gor kātbon, yon karba ta hāth kātbon, aur yon karba tah nā-, -if I do so I cut my leg, and if I do so I cut my hand; but unless I do so my no-, and his nose was off. A proverb जोसन्या जानिय जो कार्ड jolha janathi jau katai,—does a weaver know how to cut barley,-refers to a story (in Fallon) that a weaver, unable to pay his debt, was set to cut barley by his creditor, who thought to repay himself in this way. But instead of reaping, the stupid fellow kept trying to untwist the tangled barley stems. Other proverbs at his expense are कीचा प्रश्न वाय कें, कोसन्दा चस्रक बास कें kaua chalal bas ken, jolha chalal ghas ken, the weaver went out to cut grass (at sunset), when even the crows were going home ; जोसन्या सुनिएसांच तीसी सेत jolha bhutiailah tisi khet,-the weaver lost his way in the linseed-field, an allusion to the swimming exploit already recorded. His wife bears an equally bad character, as in the proverb वसन्ति जोसन्तिन नापक दाँदी जोचे bahsali jolhini bapak danrhi noche,-a wilful weaver's wife will pull her own father's beard.

357. The weaver proceeded to set up in the ground seventeen pairs of sticks in two lines, at a distance between each pair of about one and a quarter cubits, and between the lines of about two cubits. At each end of each line a stout bamboo post is fixed, and close to each of

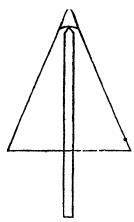
)se at one end another smaller staff. Round these sticks the thread wisted as follows:—



A, A, A, are the tops of the bamboo posts, and the dots are the os of the smaller sticks.

358. This operation of setting the warp is called तानी करन tānirab, or in Shahabad ताना करन tāna karab. The bamboo posts are lled जूँदी khūnti, and each stick, अंतर sar. These last are called in ran, Champāran, and North-West Tirhut चरका sarka.

359. The sticks immediately in front of the bamboo posts are called the west विद्वार chhitua, in Shahabad विष्या chhipki, and to the east टाकी chhitki, also in North-East Tirhut कोरीक सर dorik sar. The hole apparatus is called तानी tāni, or in Shahabad ताना tāna, and the read to be stretched is put on a kind of pyramidal reel called वर्ष्या arkhi. It spins on a spindle, called द्यानी dagni, or in Shahabad दाँगी ingi, and in the inside of the apex of the cone is a cup called चोड़ी ori, or in Shahabad चोड़ारी tholri, in South Munger चोड़ की thorli, and South Bhagalpur कोई toï, which rests on, and revolves on the point i, the spindle: thus—



360. The spool is composed of 14 slips of bamboo, forming the ramework of the cone, fastened at equal distances round the circum-

ference (Tax chakkar) of the base of the cone, and converging to a point at the top.

361. The spindle of the spool is held in the left hand, and the weaver walks up and down between the two lines of thread, directing the thread by a hook called with khūnri or with khonri, or in South-West Shahabad was khunda, in South Munger with khundi, and in North-East Tirhut and Shahabad was khūnra, and shaped as follows:—

U

The hook at the top is made of iron.

362. 5th February 1880.—The warp having now been all set upon the sticks (धर sar), they were, with the खुँडी khūnti, pulled up, rolled up, and put by till to-day. To-day they were unrolled and laid out in a long line on the grass. The खँडी khūnti were then carefully drawn out, and a bamboo staff, called चिरार sirar (or चिरारि sirāri), put in the place of each. It will be remembered that the sar were in pairs, and that at each pair the thread crossed thus Another kind of et sar is now taken, made like a long shallow bow, except that the string is made of a thin strip of bamboo. This bow is called जनरी sutri, or in Tirhut The arch of the bow is also made of bamboo. The bamboo string is called with dori. The arch of the bow is now passed through the threads where one of the old st sar was, and the bamboo string through where the other sar of the pair was, so that the cross of the threads is still preserved. The bow and string are then fastened to each other at

each end. The arches of the various bows all face one way. The warp is then laid out on the ground, and the threads neatly spread out upon the bows in parallel lines, to the width of the future piece of cloth.

362A. 9th February. The thread thus arranged was rolled up, dipped into, and well wet with cold rice-water (manr), to which some significant marua seeds had been added to It was then unrolled and stretched out horizontally at a height of three feet from the ground and brushed with a large brush, called we kūnch, dipped in mustard oil and water, which smooths the threads and takes away any knots or inequalities in the thread. This brush is also called water majna in West Tirhut. माँचा mānja in South Bhagalpur, and माँचन mānjan in South-West Shahabad. The cross sticks on which the thread rests are called with maniha, and the cross bamboos at each end are डंबन्सी thenghni or जाडी जोर lāthī dor to the west, गोड़ा gora to the east. चरारेश khasraiya in North-West Tirhut, TIT dhattha also in North-East Tirhut, eter dhantha in South Bhagalpur, and with lathi also in South-East Tirhut. This brushing is hard work, and takes eight men to do it properly. The brushing is along the threads, and not across them. The bristles of the brush are made of united khaskhas, called also in Saran करा के जब katra ke jar, such as is used for tatties, and are about two and a half inches The brush itself is about a foot long and two inches wide. The brushing went on for three days, and is called utt utt pāi karab, and also in East Tirbut जायन करन tāsan karab. The phrase चार पार a pai means the brushing and other preparations, and there is a proverb, जोसन्या के चाद पाद, चमन्या के विचान jolha ke aï paï, chamra ke bihan,—when a weaver says the cloth will be soon ready, as he is now brushing it, don't believe him, any more than you believe a shoemaker who says 'the boots will be ready to-morrow.'

362. When this was concluded, the threads were put into the loom and weven at the rate of a yard a day. The loom is little different

from that used in England. It is called what kariyah to the west and wrent karyah to the east. It consists of the following parts:—

- (1) The shuttle.—This is डराजी dharki in Gaya and to the west, and जगराविक्षी kaparbinni or जगराविक्षी kaparbini to the east. In North-East Tirhut it is also called जगरावी kaparni.
- (2) The needle inside the shuttle, on which the thread is wound, is fatt tiri, and the tube which revolves on this got chhuchchhi, or in Shahabad good chhunchhi. When thread is wound on this tube the whole is called बरी nari. also in East Tirbut बरी lari. This is held in its place in the hollow of the shuttle by a pin made of a feather. This is called प्यानरी pakhnari to the west and in South-East Tirhut, bir in South Bhagalpur, and प्याचीर pakhbir or पर्वेचारी pakheāri to the east. A weaver estimates his work by the number of atl nari which he uses up, as in the proverb in which he is supposed to address a man who has seized him to carry a load, saves no state, निष्ट ने नी नरीक चरन्कति चोप्रत tangbah ta tangah, nahiñ ta nau narik harkati hoet,-if you must load me, load me quickly, otherwise the time of nine shuttles will be wasted.
- (3) The wooden frame suspended from the roof, which after the shuttle passes is pulled forward by the weaver and drives the thread home. This is were hatha or ware hatha in West Shahabad, Patna, and West Tirhut, which kamhan in the west generally, which kamhan in the north-west, and which kamhanda in Gaya. In North-East Tirhut it is with tana, and in South-East Tirhut with tani In South Bhagalpur it is with tankar.
- (4) The comb of reeds or bamboo in this bar, which keeps the threads of the warp apart, is called the rachh.
- (5) The heddles, which alternately raise or depress the threads of the warp, are wy bae or a bai.
- (6) The set of three reeds which is placed in front of the heddles to keep the two sets of the threads of the warp apart is



The Country Loom (Kariyah).

चेताच्या atrawan north of the Ganges generally and in Shahabad, and सरायन tarawan elsewhere south of the Ganges. Another set of three reeds also used is called चंद्रानी bhanjni in Champāran, North Tirhut, Gaya, and South Munger, and the two sets together are called in North-East Tirhut चार्याय भाँच atrāwan bhānj. In Patna and the south-east the reeds are also called चर sar.

- (7) The elastic bow which keeps the woven cloth stretched in front of the weaver is vian pannik south of the Ganges; north of the Ganges it is vian pannikh, and also value panni in East Tirhut.
- (8) The wooden roller behind which the weaver sits, and on which the cloth is wound up as fast as it is made, is in the north-west, in West Shahabad, and in South Munger was lapetan; elsewhere it is when chaupat.
- (9) This is supported by posts called wet khūnta; also the right and left ones have different names, viz. the right-hand one, which passes through the roller and prevents it turning round, is fait jibhela everywhere, in North-East Tirhut also fait jihla, and in South-East Tirhut also fait jihla. In South Bhagalpur it is null wet gāli khūnta. The left-hand one, against which the roller rests, is that banghela north of the Ganges everywhere. Also, in East Tirhut, as also to the west and Gaya, it is that banwāri or that banwariya, in Shahabad it is also that pachhela, and in South-West Tirhut that kandhela. In South-East Tirhut it is also called that banwala. In South Bhagulpur it is simply was khutta.
- (10) The woof is supported at the end opposite the weaver by a piece of wood called with kharkaut to the west and with kharkauti to the east or with kharkauti in South Bhagalpur, which is held up by pillars called with kanaili to the north and west, with khanta in East Tirhut, we thum in Patna, with thumbhi in Gaya, and wat thumbha in the east, and also with kharko khanta in South Bhagalpur.

- (11) The woof is held tight by a string, which is fastened to its end and passes round a peg at the extreme end of the loom and back again up to the weaver, where it is fastened within his reach to another peg. He is thus able to slacken the woof as necessary. The first peg is called कोसा के कूटा agela ke khūnta, or in Tirhut सरकीनों के बूटी sarkauni ke khūnti; the second peg is called कोरावार के बूटा dorbandha ke khūnta, or in South Bhagalpur कन-किसी kankilli.
- (12) The treadle, which the weaver moves with his foot, is याँचार paunsār or पौचार pausār generally, and in East Tirhut पचार pasār. The knob on this, held between the weaver's toes, is पौनान pautān.
- (13) The upper levers, to which the heddles are attached, are লখনী nachni generally. In East Tirhut they are ভাৰনী lochni, and in South Munger অখনী lachni.
- (14) These levers are fastened to an upper beam, which has various names, viz. अमेर abher to the west, जिन्न मेरा bhitbhera in Sāran and Champāran, अवाना dhachāna in South-West Tirhut, अवान dhachān or प्रवास akāsi in North-East Tirhut, अवान uparkar in South-East Tirhut, अवान karbār in Gaya, and अर kar in Patna and South Munger.
- 364. The loose end of the woof (vit pāi) is called ferror sirāra, and it is wound up on start tangni, which is hung up out of the way.

CHAPTER VI.—THE SALTPETRE MANUFACTURER.

- 365. He is called with nonligan. The round vat in which he dissolves the saltpetre from the saline earth is with kothi north of the Ganges, and south of it wast ahri. The mother liquid thus produced flows out through drain called ware panar in Tirhut and to the east, and when paunar to the west; also in Saran with mohan, and in South-West Shahabad with parnauha. It flows into an earthen vessel fixed in the ground, called ware nadha, we nad, or wret nada, also were parchha in Tirhut and towards the west, and were garni in South-East Tirhut.
- Shahabad waves agras. After the saltpetre has been deposited, the

fuse liquid from which salt can be educed is called **unit** pachhāri, in South West Shahabad **unit** kāhi. In Sāran **unit** kāhi means the luor from which salt is educed, and **unit** pachhāri the refuse which thrown away.

- 367. Over the round wat are placed bamboo rafters, which are alled with korai to the west, which koro in North-East Tirhut, and required patwatan in South-East Tirhut. These are supported on bricks, in tank, and over them is spread straw, called wint chhāja, first hitti, or we khar.
- 368. The mother liquor is boiled in a large iron pan called with trah, or (to the east) when taula. When made of earth it is called with kunda, or in Sāran with khor. The fireplace is called with the pot for cooling the boiled liquid is that hanriya, or to the east is taula.
- 369. The iron curved spud by which the saline earth is scraped om the ground or wall is equal khurpa, and the mattock for digging is phahura to the west, where kodār in Tirhut, and saline earth is shared tokri, and that for carrying the saline earth is shared tokri, and that for carrying the saltpetre as chhainti
 - 370. In South-West Shahabad-
 - (a) satur sitt jarua sora is saltpetre prepared by boiling;
 - (b) will abi sora is saltpetre prepared by evaporation by the sun's rays; and
 - (c) अञ्चली चोरा kalmi sora is refined saltpetre.

CHAPTER VII.—A DISTILLERY OF COUNTRY-LIQUOR.

- 371. WE TELL bhatthidar or problem is a distiller. In Saran is is also called the ranki. The same who sells ountry-wine; where kalvar is a Hindu who does this. The kalal nd that ranki are caste names. When the man of another caste sells iquor, either on his own account or as a servant, he is called utilate addican. The bhatthi is a distillery. The kalali or the gaddic is a blace where country-spirits are sold.
- 372. The still is called wat bhatthi, and consists of the following arts:—
 - (1) in deg or in deg, the boiler.—This has a baked earthen cover called warms adhkar, or in Saran warm adhkar.

- (2) Over this is inverted a wide-mouthed globular copper vessel; this is called with tammi, or in Saran with tamiya. It serves as a condensing-vessel. The spirit rises into it, and over its outside surface runs continually a supply of cold water.
- (3) The water reservoir is नाद nād. The water flows from this through a pipe called पोनची paunalli, or in South Bhagalpur पश्चाकी pannāli, and in Sāran also डॉगा dhonga, on to the top of the condensing-vessel.
- (4) The spirit thus condensed flows out through a pipe called awar? madhnari.
- (5) The spirit is collected in an earthen jar called that or start matuka, and in this it is carried to the place of sale.
- (6) The refuse left in the boiler is ব্যালার ; also, in Gaya, ব্যালার baksa, and in South Bhagalpur also নাবা gora.
- (7) सामन sājan or सामन chhāban is water used for diluting spirit, so as to increase the quantity for sale.
- (8) The liquid for distillation is made as follows. Liquid (varas) and sweet preparations (varatha) are mixed and buried in the ground. This mixture is called have hasaunji. When it is ripe was mahua is poured into it. This act of mixing is called word bhart. When the mixture is sufficiently fermented for distillation it is called when book in the constituents of the varas and of the was mithat vary, and are not detailed here.
- (9) Earthen cups for drinking country-spirit are was chukkar, and gueki, on the state of spitana.
- (10) Pots for keeping the spirit in the shop are called बाट māt, कोरना herem, or in Shahabad कोरना kaurena and बर्यान buiyām. In Sāran another name is करावा karāba.
- 373. Ordinary weak country-spirit is दोकानी dokāni, and also in Saran करिया khasiya; the next strongest (when made of कूट gūr only) is करी kandi or (when made of other materials) दोवारा dobāra; the next strongest is बाँची saumphi, or in South-East Tirhut चेवारा sebāra; and the strongest of all, क्यारकार mahardar.

SUBDIVISION VIII.

APPLIANCES USED BY MISCELLANEOUS VILLAGE TRADERS AND PROFESSIONALS.

CHAPTER I.—THE PALM-JUICE SELLER.

- 374. The palm-juice seller is पाची pāsi.
- 375. In climbing up the palm-tree he uses a heel-rope, which ties feet close together. At the same time he has a stout rope passing and the tree, and his body. He leans back against this rope, and asses the soles of his feet, thus tied together, against the tree. He in climbs up the tree by a series of hitches or jerks of his back it is feet alternately. The heel-rope is called ward makri, or to the st used pakusi. In Shahabad it is used paksi, and in Tirhut and that after phandiya. The body-rope is generally are darroans. the east it is also that rassa, and in South Munger with barta.
- 376. The longish earthen pot in which the juice is collected is led ward labni, or to the east ver urbarh. Round its neck is tied a ing, called to the west versa arwan and to the east ver phanni or phanki, or in South-East Tirbut versana. This string is oked on to a hook, versan and in Saran versan ankurha, in ahabad versan ankuri, and in South Bhagalpur ankora, which tied to the man's waist by a rope, versan towar, or in Saran versan urkas, in Champaran versan danra, and in South Bhagalpur versan petar.
- 377. The sickle used for cutting the palm-tree is stall hansuli to west and stall hansua to the east. It is sharpened on a piece of od called wist lautha, and also, to the east wist sonta, or stall hath in South Bhagalpur, and start balletha in South Munger.
- 378. A प्रशास hathauna of नर्जा tarkatti, or in Saran स्वत्या labna, a large longish earthen pot for holding toddy (नाड़ी tāri). In South sagalpur नीडा taula or कचा kunda is an ordinary vessel for holding नाया nāpa, or in Saran नपर्ची naphi, is a small earthen pot used for sasuring it, and नार्जा jorva, परिचा barariya, and नार्जा golwān in South Bhagalpur earthen vessels in which toddy is sold.
- 379. A toddy palm-tree is wit or with tar, and the juice is with tari. There are two kinds of this tree—the female one, which are fruit and is called with phallar, or in South Bhagalpur phalla, and the male one, which produces hairy flowers and is

called we are baltar or weare phultar, or in North-East Tirhut phuldo, and in Saran what baliha. A waste khangra, waste khangra, or waste khangra is a young palm-tree. A waste korhi (North-East Tirhut) or a waste bahira (South-East Tirhut), with the banjhi sisua or waste anathu (South-West Tirhut), is a palm-tree which does not produce juice; a waste basanti is a tree which produces juice in spring, and waste jethua, or in Saran was sal, one which does so in summer, while was ghaud is one which does so all the year round. In the east was ghaur is a tree which produces juice in the rainy season.

380. To cut a palm-tree for the juice is the chhewab.

CHAPTER II. - THE BIRD-CATCHER.

- 381. The bird-catcher or facilitate mirsikar, or in Shahabad attent baheliya, uses a number of an nal or at nar, which are long shafts of bamboo tied together like a fishing rod, of which the top one is called an kampa, or in South Bhagalpur at khoncha. On this last is applied bird-lime (att lasa), and the bird-catcher cautiously approaches the bird, concealing himself-behind a set tatti or screen of leaves and branches. When the bird is within distance it is struck with the limed an kampa, and thus caught. The att chonga is the bamboo tube for keeping the bird-lime.
- 382. The wife phand or wist phanda and winits chaugers are two kinds of nooses. with addition is a net used in the day-time, and wint chatar, one used at night for catching birds.

CHAPTER III:-THE BARBER.

383. The barber is with hajdm, start thakur, wit nai, are nau, or man naua. In North East Tirbut he is also will naheri, and in Saran sometimes with osta. He has his with lokhar or thank kismat, fastat kisbat, or fastat kisbad, which is his instrument-bag. Also he has a wifel chamauta or wifel chamauti, or piece of thick leather used as a strop, a without mochna or tweezers, and a set chairs or with astura, or to the east we khur, or razor. His nail-parers are with naharni, but in Champaran they are with naharn, and with laharni in East

Tirbut. His whetstone is that sills or that sills. It kainchi is his scissors, which katori his brass cup for water, even darpan his looking-glass, and with lungi the cloth which he spreads in front of the person he is shaving, and on which the hairs fall.

CHAPTER IV .- THE COUNTRY SURGEON.

- 384. The country surgeon is with jarrah, with jarah, or worth hajam.
- 385. Among his instruments are water jamura, a tooth-extractor, that chobha or aut nastar, a lancet for the arm, and grown thunka, a lancet for the head.
- 386. For circumcision (समन sunnat or चन-मा khatna) he has कामी jantri, घोड़ी ghori, or in South Bhagalpur चूँटा chūnta, which are nippers of bamboo, and उचार salāi, which is a bamboo needle for holding up the foreskin.

CHAPTER V.-THE FARRIER.

- 387. The farrier or नास्त्रस्य nālband has the following appliances.
- 388. A wared mekhāri or angua kisbat, which is the bag in which his tools are carried, a get chhūri or curved knife, a guarde sumtarās or large curved knife, a guarde jambūr or pincers, a the ret or file, a guarde bakha or witeries mārtaul or small but long hammer, a tight doāli, or in South Bhagalpur agras bakha, which is a leather for holding up the horse's hoof, a guarde pujmāl or hair string for tying the ear of a refractory horse, a guarde halkha or iron ring, and a guarde sumkatti or chisel for cutting the horse's hoof.

CHAPTER VI.-THE WASHERMAN.

389. The will dhobi or washerman uses a water patha or pat, which is the washing-board, of which the support is in Shahabad was thehua or waste newnath. In South-West Tirhut it is

- called चौची chauki, and, when made of stone, पचच pathal. His iron is दवनीकी istiri or (in North-East Tirhut) विकासिकी mistiri. His ironing cloth is देशक bethan, and his starch कथा kalap or कथा kalaph.
- 390. When the article to be washed is too heavy for him to lift up and dash upon the washing-board, he beats it with a mallet, called कुंगरा mungra or सुंगरी mungri, or (in Sāran) चाँचन dānsan, (in North-East Tirhut) चाँचा sonta, and in South-East Tirhut चाँची lāthi. In South-West Shahabad it is called कडाका kathka, and in South Bhagalpur चांचरवा dhobdāng. The clothes-line or drying-frame is सवाच tanāw. His bundle of clothes is पक्षा bakucha.
- 391. The act of beating the clothes is sell kundi, and to beat the clothes is visa pitab, or viva dhoël north of the Ganges, sector bichharab (in Patna), sector nichharab (in Gaya), sector nikhāral (in Shahabad), vitas khinohab (in South Bhagalpur), and vitas chhāntab or vitas phinchab (in South Munger and Shahabad).
- 392. South of the Ganges clothes which are well washed are जिसाइ nimār, or in South Bhagalpur जोवर सार gobar jhār. In Champāran they are विचार nikchār. The half-washing given to new clothes is चमन्से khāmso, or in South Bhagalpur चांसन्से khāmso. In Gaya the washing of a cloth after it has had patterns printed on it is विचरन्त्रों bichharni.
- 393. The honesty of the washerman and his tenderness for the clothes committed to his care are not considered of much account in Bihār. and there are numerous proverbs coined at his expense, e.g. बोबी पर धोबी वरी, तब कपन्डा पर चादन पड़े dhobi par dhobi base, tab kapra par sābun pare, -no soap ever touches clothes unless many washermen live together (when owing to competition they wash well). Again, wife an at fag निर्दे फाड dhobik bap ker kichhu nahin phat,—nothing belonging to a washerman's father is ever torn by him (i.e. those are the only clothes about which he is careful). It is also a wise precaution, which according to Bihār ideas should universally be adopted, to disbelieve a washerman when he says the clothes are 'nearly' ready. A washerman's donkey is a bye-word, as in the proverb जहरूबा के बढ़ होसर तसिया, बोबिया के बढ होटर परोचन, gadha ken na dosar gosainyan, dhobiya ken na dosar parohan, -an ass has only one master (a washerman), and the washerman has only one steed (a donkey). Again योगी नाम द्राकी, दे तीम 'पकारामी dhobi, nau, darji, i tinu algarji,—there are three careless people, the washerman, the barber, and the tailor.

SUBDIVISION IX.

TOOLS AND APPLIANCES USED BY COUNTRY ARTI-ZANS.

CHAPTER I.-THE CARPENTER AND TURNER.

- 394. The carpenter is upon barki, or. in East Bihār optionally workshop is uncertaint kamar. In South Bhagalpur he is also called upon maraiya. His workshop is uncertaint kamarsāyar or upon barki khāna. A proverb about him is t ultu and under the unit is buribak gām kamaitāh, janika rukhān na basula,—this fool (of a carpenter) would serve the village when he has neither chisel nor adze; said of one who undertakes to do a thing without possessing the means. He uses the following tools:—
- 395. The adze.—पद्या basüla or, especially in South and West Bihār and South Bhagalpur, पद्या basula. In South Munger it is ब्रिश्चा basila. A similar tool is दक्षा tanga, डॉगा tānga, डॉगो tāngi, or डॅगरी tangāri. In North and East Bihār it is also called कुद्धारी kulhāri. This is a larger adze, and is used chiefly by sawyers (परव्यक्षिण arkasiya or परावस ārākas) in squaring logs, and by carpenters for rough work or for cutting down trees.
- 397. The large hammer.— उचीरा hathaura, or in South Bhagalpur विचाय lihāwar. The small hammer.— उचीरी hathauri, भारतीय mārtaul, and in West Tirhut and south of the Ganges also उस ghan. In South Bhagalpur it is called परिचा mariya.
- 398. The street barma or street barman is a revolving awl or drill, worked with a bow and string, and used as a gimlet or centre-bit. The bow used with it is satisful kamani, or in South-West Shahabad satisful kamanak. The handle round which the string goes is gravel gulphi or grain gulli. In South and East Tirhut the word is satisful kulphi. In Gaya it is see math. The cap at the top, on which the palm of the hand rests to press the awl, is street topi, the paila, satisful dabni, or satisful dabauta. The awl itself is street barma or street barman. The string is north of the Ganges street dotti, and south of it street dori or with joti, or in South-West Shahabad sat jemwar.

- 399. The following are various kinds of chisels:-
 - (a) The war kachchak north of the Ganges, and the ward batari or ward batali south of the Ganges, is broad at the base and narrow at the point. In South Bhagalpur it is called ward kaijak.
 - (b) The Tamba is a long chisel for making mortice holes.
 - (c) The ৰীৰেষা chaursa is broad and straight; another name in Gaya and Shahabad is ৰবাৰী batāsi.
 - (d) The term rukhān or term rukhāni is like the kachchak, but is larger and thicker, and is used for coarse work. It is also a generic term for all chisels.
 - (e) A small chisel with a rounded edge for making lines on wood is north of the Ganges নীয়ৰ ব্যৱ আৰ golak buruj khāb. South of the Ganges and in Sāran it is বিশ্বের girda or বাবেরের বেলা gordār randa. In South Bhagalpur it is also ভাষিত্র kholiya.
- 400. Gouges are नोस्क golak, नोस्य golakh (Gaya), नोसा रवानी gola rukhāni, or नोरन्दार रवानी gordār rukhāni; other names are नौय gauch (South West Tirhut) and निर्देशिक girmit (P gimlet), North-West Tirhut. A large gouge for heavy work, such as hollowing out ricemortars, is बाँक रवानी bānk rukhāni. A square gouge is क्या रवानी kachchak rukhāni.
- 401. The common plane is the randa, of which the blade is will phalli, or in Shahabad until phalsa, and the body put kunda. The wedge for holding the blade has various names, viz. north of the Ganges was khunti, and theki, or the chail. South of the Ganges it is in Shahabad was khunti or and thepi, and to the east unit pachchi, until pachchi, or unit pachchar. When the blade has a coarse edge for rough work, it is used that the blade has a coarse edge for rough work, it is used the pachchar and a laso that and in South-West Shahabad. A plane with a fine blade is the saphi randa. The the daraj is a narrow plane for squaring the edges of boards.
 - 402. Grooving-planes.—There are—
 - (a) The plane for cutting square grooves.— ভুৰুত্ব আৰু buruj khāb, or (South of the Ganges) ভুৰুত্ব (or মুৰ্জ) আৰু buruj (or guruj) khāp.
 - (b) The ন্তৰেল galta is for cutting round grooves. In West Bihār and South Munger it is also called ভিতৰী khirchi or বিশ্বনী khilli.

TURNER (KHARADI) AT WORK.

- (o) The আৰৌ কৈ jhari ke randa or (north of the Ganges)

 বৰাই palāun is a plane for making grooves for panelling.
- 403. The following are files :-
 - (a) tal reti is the common file.
 - (b) The file for sharpening saws is generally कारता katra. Local names are कारि katari in North-West Tirhut, कारतीकी katrohi in East Tirhut, तेषक tephal in Gaya and Shahabad, तेषका tephalla in Sāran, and कमाची kanāsi in West Shahabad.
 - (c) ভাৰৰ sohan, or in East Tirhut ভাৰৰ sohen, is a coarse rasp.
 - (d) The चोराचा chorsa, or to the west चौराचा chaursa, is a broad file.
 - (e) The বিশ্বকাৰিৰ nimgarid is a half-round polishing file. In South Bhagalpur it is নীনিবী maigiri.
 - (f) The বাঁৰে কৈ chauras reti, or in South Bhagalpur বাঁৰৰ কৈ chaupahal reti, is a square file.
- 404. The square, or gnomon, is बडाम batām, मुनियाँ guniyān, or बडाम chalta batām. The compasses are परवास parkāl. A blunt point for drawing lines is बतःक्य khatkas, or in South Bhagalpur कोरन्सन korsūt. Sand-paper is बरेस क्या sares kanna, यरेस कागण sares kāgaj, or सरेस पना sares pattā. In South Bhagalpur it is सामो sāphi. The pincers for drawing nails are जन्द्रा jamhūra, जन्द्रा jamūra, or चँडासी sanrsī. Glue is सरेस sares. पन्न patthal, पर्यक्त pathal, or सिस sil, is the grindstone. The block on which the man works is जीपा thīha, देशा theha, or in South Bhagalpur दिया thiya, दिशा thiha, or परन्करों. parkattho. In Gaya and Champeran it is called परिवादा pariyātha.
- 405. The English auger is also used, and is called चवन्तर augar, or in Tirhut निवस्तिक girmit (? = gimlet).
- 406. A lathe is ware kharād, and the man who works it is warel kharād, a turner.

CHAPTER II.—THE BLACKSMITH.

407. The blacksmith is with lohar generally, and in South-East Tirhut he is also start thakur or watt kamar. His smithy is wateract kamarsayar. In Saran it is also with loheari, and in South Bhagalpur it is wateract kamarsari or wat marai.

- 408. His anvil is faure nihāi or are nehāi; but in South-East Tirhut it is ever lehāi, and in South Bhagalpur faure lihāi. This is fixed in a block called sur theha north of the Ganges, sive thiha in Shahabad, and in South Bhagalpur faur thiya, uses parkath, or aform gariyās. In Patna and South Munger it is uter paretha or user parhattha, and in Gaya users pariyātha. In South-West Shahabad it is afor ankuth. A well-known proverb about an anvil is user are user unn chot nehāik māntha,—it the anvil has nothing on it, the blow falls on its head.
- 409. The चन्छा ghanmudhi is the swage block or perforated anuil on which iron is placed when being pierced with holes, and चौरी biri or चौर bir (east generally, Patna, and Gaya) or चना hanna (South Bhagalpur) is the round block of iron placed on this, also pierced with a hole. This latter is also used for making heads of nails, and another name for it is चपररावन chaprawan, चपररीचा chaprawan, or चपररीची chaprawni.
- 410. The large hammer for welding is वन ghan; smaller than this is the चनीर hathaur or चनीरा hathaura; and smaller still the चनीरी hathauri or मरिया mariya.
- 411. The start jamhura or start jamura is a pair of pincers or tongs round at the tips; other names are start gahua (Champaran, West Tirhut, and Patna), start sanvei (Shahabad and South Bhagalpur), and start banguri (South-West Shahabad). Everywhere sanvei is used for a pincer adapted for taking a hot piece of iron out of the fire, tightening nuts, &c. To the west the sant sugahi is a pair of horn or wooden pincers.
- 412. The iron poker for stirring the fire is north of the Ganges ankurha; in Gaya and Shahabad it is agree ankura or agree ankuri; and in South Bhagalpur ankura ankora or agree onkra. North of the Ganges, to the west, it is also agree kultūra; while in Patna, Gaya, and South Munger it is also agree kultūra.
- 418. The cold chisel is देनी chheni, and the chisel for making holes in iron is बोपन topan, with a variant बोपना topna in Patna and Gaya; another name is सुना sumbha south of the Ganges or सुना summa or सुनी summi north of the Ganges.
- 414. The fixed bellows is wानी bhathi, and also (south of the Ganges) भौनी bhanthi. The hand-bellows is दूरनी duhanthi when worked with both hands, प्रकार ekhanthi when worked with one hand, and द्योग

supaua in South-West Shahabad. In the south-east it is also कड भाँची kath bhanthi. The end of the bellows pipe which goes into the fire is बढ़ा mūra, बड़ी mūri, or सुड़िया muriya. In Sāran it is जेंक्स ankurha; in South Bhagalpur, मुझे murhi or पास्त salak ; in Patna, मोपन्या mohkha ; and in South Munger, नोचन्द्री mokhri. The pipe itself is जून phunk; also north of the Ganges and to the west and chhunchhi or and chhuchchhi; and in Patna, Gaya, Saran, and East Tirhut Tint chonga, or in South Tirhut चौंनी chongi. The clay pipe over this is चारन aran or चरानी arni, or in South-East Tirhut चार तेर. In East Tirhut it is also महिन्स matiham, and in South-East Tirhut Tem metum. The wooden sides of the bellows are worn takhta; also in Patna, Gaya, and South-West Shahabad परन्त patra. The leather sides are चमन्द्र chamra; also चास cham (optionally south of the Ganges) and TH khāl in Champaran, Patna, and Gaya. The valve is wet pankha or wet pankhi; also (in Patna) wasel pankhri. In South-East Tirhut and Champaran it is and qaddi. The pivot on which the pair of bellows works is with konrha north of the Ganges: also in North-West Tirhut \$3,457 sursa. South of the Ganges, to the west. it is घुरी dhūri, and जांकरा ankura to the east and also in Shahabad and Champaran. The pillars which support it are wan khambha north of the Ganges and day khunta south of the Ganges and in South-East Tirhut. The upper iron bar is a square barenra or a square north of the Ganges, and west baretha in Patna and Gays. In Shahabad it is staut benriva. in South Bhagalpur was danda, and in South-East Tirhut was danta. The lever which works the bellows is and chhip in the North Gangetic tract, and also west danta in Tirhut; south of the Ganges it is wire lath or wist latha, and in South-West Shahabad war danda. In South-West Shahabad a small bellows worked by both hands is में देवचा भाषी menrarua bhānthi. A well-known saying about the bellows is तुसरी चाच गरीन के चरि से सबस न आय, सुचला चान का पूँक में स्रोच सबस दो जाय tulasi āh garīb ke hari señ sahal na jāy, muala chām kā phūnk señ loh bhasam ho jay, - O Tulsi! God cannot withstand the sigh of a poor man: the blowing of dead leather (in a bellows) reduces iron to ashes.

415. The usual barma is a revolving awd or drill worked with a bow, until kamani, with a leather string, numer tasma. Sometimes a string is used instead of a bow, and this is called string doals or significant, or in South-West Shahabad was jemuar. The iron spike of the awl is north of the Ganges we have used dands to the west and used phalls to the east. South of the Ganges we have used dans in Shahabad, was dunts in Patna and Gaya, and used dands again in the south-east.

- 416. The fixed vice is we bank or (in South Bhagalpur and South Munger) we bais (?=vice), and the hand-vice is were hath-kal or (in Patna and Gaya) where hanthkal. The two sides of the vice which grasp the iron are wer palla; the screw is great musra, or in North. West Tirhut were kabla; and the socket for the screw to work in is welchhuchchhi, except in Shahabad, where it is affect chongina, and South Bhagalpur and Champaran, where it is affect chonga. The handle for turning the screw is north of the Ganges great musra or well chalauni. The latter name is also current in Shahabad, where in the south-west of the district we also have well hathkara or well danda. In South Bhagalpur it is attach hatul or were hattha, and elsewhere it is well hathra. The spring is anyth kamani.
- 417. The tap and die for making screws is north of the Ganges wife badiya or walks badiya; the latter is the usual form in North-East Tirhut. South of the Ganges, in Gays and Shahabad, it is where badiya, and elsewhere where badhiya. In South Bhagalpur it is also called wir dai (die). Of this the female screw is more kutka, the tightening screw with chutki, and the nut-maker was pechkas. Gaust dhibri, or in Saran was kabla, is the nut of a screw.
- 418. The common files are रेसी reti, and the round files बोजब golak or बोजब golakh, and in South Bhagalpur बोज रेसी gol reti. The half-round file is निस्मोरिड् nimgīrid, and the triangular file in Sāran निस्माचा tinphalla, in Champāran निरम्माच tirphāl, in Shahabad निरम्मच tirpahal, in Tirhut तेषच tephal, in Gaya सम्बद्ध tepahal, and elsewhere निसम्मच tinpahal or निरम्मच्या tirpahla.
- 419. The compasses are परचान parkal or क्यान kampas. The mould is जाँचा sāncha, and the vessel for cooling hot iron पविचारा panihāra in Champāran, West Tirhut, and Gaya; पविचारा panihanda or पविचारा panihanda in Shahabad and South-East Tirhut; जाना chāha (also in South Munger), जनेरी laberi, जानर lābar, or जनेर laber also in South-East Tirhut; वानेर naber or जनेर namer in North-East Tirhut; and जनेरी naberi in Tirhut generally. In South Bhagalpur it is प्राचाना panchāha.

CHAPTER III.-THE MASON OR BRICKLAYER.

- 420. The mason is called true raj, also true fafeti raj mistiri north of the Ganges, and true asset raj majur in South Bhagalpur and South Munger. In Saran and Champaran he is also wet thawar.
- 421. He uses the ward basuli, which is a pointed hammer for cutting bricks. In Shahabad with lorh is an iron hammer for breaking stones

- 422. His trowels are (1) word karns, the largest, for mixing mortar; (2) waster manifola or (in South-West Shababad) waster adhla, a smaller one; and waster nahla, or in Tirhut and the west was kalam or a west kalam, the smallest one, for polishing the surface of the mortar.
- when made of brickdust and lime; when made of mud it is factor gilāwa, also art garra (Patna, Champāran, and North-East Tirhut), and gara (Saran and the east), and kādo (South-West Tirhut), and de lei (South-West Shahabad).
- 424. The wooden beater for consolidating and smoothing plaster is fined mungri or und thapi. The the rol or the raul (South Munger, Patna, Sāran, and Tirhut) is a long stick for smoothing the plaster Other names are used pahta or used pāta, used paita, used pahta (South Munger), and used pharma in Gaya. In Shahabad and South Bhagalpur used chirna is a slip of wood used for the same purpose. The scoop for making moulding is north of the Ganges and to the east generally undersugolākas, and also to the east along gola. Elsewhere south of the Ganges and in Champāran it is used.
- 425. The plumb is बाजन sahul. The string is स्त sūt, and in Champaran and South-East Tirhut also बोरी dori; and the small pieces of wood fixed on the string are जैना kenra or जैना kainra in Tirhut, Shahabad, Patna, and Gaya, पणी patti in Sāran and Champāran, फिटाबिरी phitkiri also in Champāran, East Tirhut, and South Munger, फिराजी phirki in South-West Shahabad, and फेटाबिना phetkina in South Bhagalpur.
- 426. The square is नोजिया goniya, युजिया guniya, or युजियाँ guniyan to the west, also योजनी sādhni in Patna, Gaya, and north of the Ganges generally, and रिचय rabbil in South-East Tirhut and North Bhagalpur. To the west and in Gaya it is also बहास batam.
- 427. The maul-stick is first mistar in Patna, the North-West, and South Tirhut. In Tirhut, Gaya, and the west it is first nistar. In South Bhagalpur it is with chip.
- 428. The whitewashing brush is क्यो kanchi; in South Muager it is also कराकी jharni.
- 429. The ladder is with sirhi, and the scaffolding with manch or were machine to the north of the Ganges. South of the Ganges the latter is with part generally, or with path in Shahabad. In Champaran, Patna, and Gaya it is also with chali.

- 430. The mant or many tagar (also many) tagar in Tirhut) is the pot in which the mortar is mixed. The mortar-pot is mix nād or mix nānd. The mortar-trough when made of clay is mix hānri, also mix koha in East Tirhut, and optionally want athra south of the Ganges. In South Bhagalpur it is also man karhāi. When made of wood it is man kathra or main kathauti.
- 431. The bricks are ground into powder (37:3 surkhi) by a crusher. देकी dhenki. or (in Champaran) साउ lath. Of this the pestle is त्रार musar or सुसःरा musta, or (in South-East Tirhut) समाउ samath. The piece of wood on which the bricks are sometimes crushed is without north of the Ganges; south of the Ganges it is जोबन्सा okhla in Gaya, जबन्ही ukhli in South Munger, सरियाँ bhuriyan in Patna, and कॅडिया kanriya elsewhere. It is supported by pillars, which are det khūnta or det khutta in East Tirhut and south of the Ganges. In the latter tract they are also called was khambha. In West Tirhut and Saran and Champaran they are जङ्गा jangha or जामा khāma. The axle on which it works is called अधीता akhauta in Patna and Saran, अधीता ukhauta in Gaya, and also war akhaila in Patna. In Champaran and North-West Tirhut it is माँमा mānjha, in South-West Tirhut विका killa, and in East Tirhut danta. Sometimes a hammer is used for breaking the bricks, which is called संगर्त mungra or (in Shahabad) प्यन्त्रहा hathkutta, and in Saran wirt thani.
- 432. The large earthen pot for water is चेला ghaila, also दिल्या thiliya in Gaya and नगरी gagri north of the Ganges. The smaller pot is चाँड़ी hānri or चंड़िया hanriya, also कोचा khoha in East Tirhut. South of the Ganges the pot with a spout for pouring water on the plaster is वयाना badhna. In South Tirhut it is वयन badhna, and in South Bhagalpur कारी jhāri. North of the Ganges generally करावा karna or चंडिया kantiya is used, and in East Tirhut also क्यो phuchchi.

CHAPTER IV.-THE GRAIN-PARCHER.

433. The grain-parcher is any kanu or mix kandu, with a variant mixe kandun in Champaran, Patna, and Gaya. In Champaran (optionally) and in South-West Shahabad he is called ning your, and north of the Ganges and to the south-east he is also known as a same bharbhūnja. Parched grain is wint bhūnja, or in Shahabad grain bhūnja. When it bursts in the parching it is called wrat lawa or warm phutha.

MARINE CONTROLLING MACHINE (DHENKI).



- 434. His parching-house is घोत्रसार ghonsār or घोत्रसारी ghonsār to the west, and also to the west of the North Gangetic tract, भन्नसरी bhansārī. In South-West Shahabad it is भर्नस्य bharsārīn. The name कारसार kansār or कनिसार kanisār is current in East Tirhut and to the east of the South Gangetic tract, including Patna and Gaya. In Tirhut it is also कारसार kansārī.
- 435. The fireplace is पूक्त chūlha in Tirlut and to the east of the South Gangetic tract, including Patna and Gaya; also भार bhār generally, and भगाप bhansār north of the Ganges and in Gaya, and घोनाचार. ghonsār in Saran. In South-West Shahabad it is भराष्ट्रंप bharsāin.
- 436. The place in front of the stove, on which the grain falls, is प्रदे paruī in Shahabad and पर्चा paruā in South Munger. In Patna and South-East Tirhut it is पौर paur; in Gaya, South Bhagalpur, and North-West Tirhut पौरी paurī; and in Sāran and Champāran पारी pāri. Another name more or less current north of the Ganges is चौतन्स chautra.
- 437. The earthen pot in which the grain is parched is खापड़ khāpar or खपड़ा khāpra when it is large with a wide mouth, and खपड़ी khāpri when it is smaller. The latter is also called north of the Ganges कुखा kunda or बूड़ा kūnra, to the west, and नौजा taulu to the east.
- 438. The iron spoon for taking out the hot sand is कलान्तुल kalchhul in Sāran and Champāran and South Munger, and कलान्तुला kalchhula in Patna and Gaya. In Shahabad it is कल्ल kaluchh or (in the south-west) कल्ल kalus. In South-East Tirhut it is बर्डिया sarahiya. In South-East Bihār it is called ब्लाबी dhakni north of the Ganges and in South Munger, or परन्य sarwa in North-East Tirhut.
- 439. The flat wood stirrer is called द्विसा dabila to the west. In North Tirhut it is द्विश dabiya, and in South-East Tirhut दाव dab, and in Gaya कुद्र kurūr. A kind of broom made of four or five reeds tied together is काद् jhāru (Patna and Gaya), भुंजाबाडी bhunjnāthi or बोइन्बी borhni to the south-east, बद्दानी barhni to the east generally, अराजा larna or बाइनि lārani in North-East Tirhut, विषानी chhipni in South-East Tirhut, and बदीनी chalauni north of the Ganges.
- 440. The sieve is पद्यानी chalmi generally, but पद्याना chalma in South-West Shahabad and पात्रीन chalmi in East Tirhut. To the west it is also भराना jharna, and also in South-East Tirhut सूप sūp.

- 441. The poker is street khorna or street khorni north of the Ganges and in South Bhagalpur and South Munger; elsewhere south of the Ganges it is street khorna or street khorni. In South-East Tirhut and Champāran it is street khornāthi.
- 442. The basket for the grain is north of the Ganges दोरा daura or दोरी dauri. South of the Ganges we have बढारी batri in Patna, मोनी mauni or मोबिया mauniya in Gaya and South Munger, भोंकी bhaunki in Shahabad, and बिया daliya in Champaran and South Bhagalpur. In Champāran and Gaya the प्राच्या satgharwa, and in South Munger the पाँड chānr, is an earthen vessel with seven or more divisions for various kinds of grain, and in South-East Tirhut a बढावी baithki is a similar one with four divisions, and बढा chhanna one with six. कोचा koha or बढिया kantiya in North-East and South-West Tirhut, and बढावा karwa in Champāran, are earthen pots for grain, and बढावा kathra in Patna and Gaya, or बढीवी kathauti elsewhere south of the Ganges, is a wooden pan.
- 443. The grindstone is जाँना jānta or (in South-West Shahabad) जाँन jānt. Its axle is किसा killa or (in South-East Tirhut) कीस kīl, and it is made to revolve by a handle, which is उपन्ता or उपन्हा hathra generally, and जूपा jūa to the west, also पायर in South-East Tirhut.
- 444. The wages in grain paid to the grain-parcher is भार bhār, or in South Bhagalpur भारो bhāro, as in the proverb जो जरि गेल, भार जा बायल जो jau jari gel, bhār la bānhal chhi,—the grain-parcher has burnt my barley and has tied me up for his fee (adding insult to injury). The quantity of grain parched at one time is बानो ghāni.

CHAPTER V.-THE BAKER.

- 445. The baker is generally बाबन्दार nānbāi, with a local variant बबन्दार nanbāi in Shahabad. In Gaya he is बाबन्दान nanpaj. He is also called रोडीवासा rotīwāla. He is proverbially a rude fellow, and बाबन्दार के विका nanbāi ka khinga is popularly used to mean a stout rude fellow.
 - 446. He uses an oven, तन्र tanûr or तर्र tandûr.
- 447. His roasting-spit is south of the Ganges with sinkh, and elsewhere with sikh. In North-East Tirhut it is also with sink. This is fixed on supports, which are wat hichchha to the west of the North Gangetic tract and in Patna, and water with kawab dani in South-East

Tirhut, Shahabad, and South Bhagalpur. In Gaya they are was chakkas.

- 448. The boiling-pot is देगन्यों or डेंगन्यों degchi. South of the Ganges and to the west it is also called पत्तीको patili when made of earthenware.
- 449. The cup is रिकाबी rikābi, the saucer रिकाबी rikābi or कटोरा katora, and the wooden spoon चोर doï, and also in East Tirhut चमच chamach or (to the west) चम्मच chamach.
- 450. The large wooden stirrer is called ब्राइन kaphcha in North Bihār, दोचा doä in North-East Tirhut, and दौना donya in South Tirhut. In Patna it is दाना dābha, and elsewhere south of the Ganges द्व dabbu when made of iron, or क्यानीर kaphgir (west generally) when made of wood.
- 451. The cushion by which he places the cake on the side of the oven is रपोदा raphīda, or in North-East Tirhut नहीं gaddi. The दशनगाना hushtagna is an iron bar hooked at the end, and the परन्य arra an iron bar flattened at the end. They are used in taking cakes out of the oven. The one is held in one hand, and the other in the other. The two together are called जोड़ी jori, or in Champāran कांद्री kansi.
- 452. The instrument for making ornamental marks on pastry is north of the Ganges बाँचा sāncha; south of the Ganges it is चोकन chokan in Shahabad, चोकन्नी chokni in Patna, and elsewhere चोका choka.
 - 453. The खुरवन्त्री khurachni is an implement for cleaning vessels.

CHAPTER VI.-THE CONFECTIONER.

- 454. The confectioner is उत्पाद haluāi in North, and उत्पाद halvāi in South Bihār. His fireplace is पूद्धा chūlha, and also in Champāran and South Munger मही bhatthi, of which the stoke-hole is मुंद्धा munh, and also in Gaya and South-West Shahabad दुवार duār.
- 455. His open cauldron is कड़ारी karāhi generally, also कड़ारा karhāi or बाबा tāwa in Gaya. Of this the handles are उसकी danti, कड़ा kara, or कहा kanna, with a variant कड़िया kariya in South Munger.
- 456. The skimmer is well jharna in Patna, the north-west, and East Tirhut, well-r chanauta generally north of the Ganges, when pauna in the north-west, Tirhut, and south of the Ganges. In Patna it is

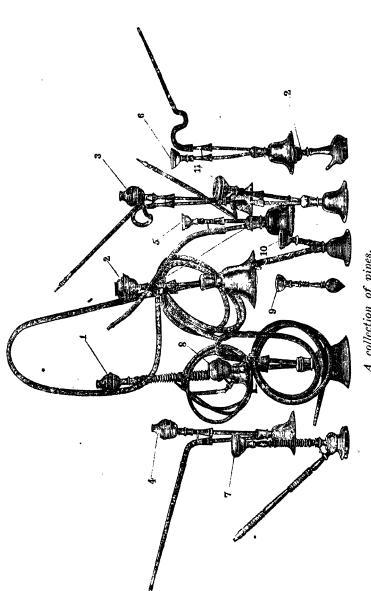
- also पौनिया pauniya, in South Bhagalpur पही chatti, and in Gaya, South Munger, and Sāran भौभारा jhanjhra. The large stirrer is केंचीचा keoncha, and the small stirrer चोजनी chholni. In Champāran and North Tirhut it is also खुरूपी khurpi, and in South Bhagalpur खुरूपनी khurchani.
- 457. The wooden rolling-pin is बेसन्म belna, which is worked on a paste-board. This latter is called चक्का chakla when it is round, and बीको chauki or परन्ता patra when it is oblong. Other names are नखन्ता takhta (North-East Tirhut), पिविचा pirhiya (Gaya and South Bhagalpur), and पोइन pīrha (Gaya and South Munger). The pestle for beating the dough is इन्ना dāba, (South-West Shahabad) इन्नी dābi, or (North-East Tirhut) इन्न dāb. Other names are पुरन्दम gurdam or मुख् musad (Champāran), उपन्टन daptan (Patna), and मुंगन्ता mungra (South Bhagalpur).
- 458. The spoon is कलान्द्रस kalchhul or in North-East Tirhut करण karuch. The brass ladle with a wooden handle for removing the sugar from one vessel to another is उन्यू dabbu.
- 459. The wooden platter for sweets is निराद्य girda north of the Ganges and in Shahabad, ভাৰতবা khoncha north of the Ganges and in Gaya and South Munger, चांत्रचा khāncha in South Bhagalpur, and जांदा khāncha or चत्रका dagarna in Patna and Gaya.
- 460. The brass salver is चारी thāri generally, with local variants चरिया thariya in Shahabad and East Tirhut and चास thāl in Champāran and East Tirhut. In Sāran and Tirhut it is also called कीपा chhīpa. The deep brass pan is परास parāt.
- 461. The sweetmeats are exposed on stands called नरीनी tarauni, local variants being नरीना tarauna in Champaran and South-East Tirhut and नरीनी taraini in Champaran. In South Bhagalpur they are टेंचनी tekhti.
- 462. He has also a wooden basin, called बडारा kathra, बडावन kathwat, or बडीनी kathauti; a large ladle, डॉबरी dohri; and a pair of scales, called generally नराजु tarāju, नराजुर tarjuï, or डेबीरी tekauri. It is also टकोरी takauri in Tirhut and the west, and जराजा narja in Champāran.
- 463. Eggs; के दोकान, दादा के पतेषा haluai ke dokan, dada ke phateha, is a well-known proverb. A phateha is a feast in honour of the dead, at which sweetmeats are given away for nothing. When a person wants to get a thing for nothing, which he has no right to expect, the proverb, which means 'a confectioner's shop is not my grandfather's funeral feast,' is said to him.

CHAPTER VII.-THE TOBACCO MANUFACTURER.

- 464. The tobacco-seller is तमाज्ञवासा tamāku-wāla, तमाज्ञवासा tamāku-phārosh, or तमाज्ञवासा tamākul-bāla. He uses a crushing-lever, डॅकी dhenki, with a peg, सूचर mūsar, सुसरा musra, or समाउ samāth, fixed in it. It is supported on pillars, खूटा khūnta, खूटा khuntā, or (in the west) अञ्चा jangha or जिल्ला janghiya, by an axis-pin, किया killa or चर्चाना akhauta. It falls on a hollow bed called चावरी okhri or चावरची okhli, on which the tobacco is placed. When the crushed tobacco is being removed, the beam is supported by a forked stick, which is called टेक्नी tekni, टेक्नी tekāni, or (in Shahabad) टेक्ना theka or टक्नी thekwa, or in Sāran टेक्नी thekwa. In East Tirhut it is called टेक्नी thekni or चल्ला algani, in Champāran चर्लानी argani, and in South Bhagalpur टेन्ना thengna or चल्ला uchkun. Sometimes a string, रखी rassi, is used for this purpose. An illustration of the similar crushing-lever used in pounding bricks will be found opposite § 431.
- 465. The fragments of tobacco are collected by a broom, भाइ jhāru or बड़नी barhni, which is also called कूँची kūnchi or कूँचा kūncha towards the west and खरन्दरा kharhara in Patna. The tobacco is sprinkled with water from a water-pot, called पनन्द्रा panhanda, देंड्या hanriya, कड़ादी karāhi, पियाचा piyāla, मटन्क्ररी matkuri. In East Tirhut it is called खरना athrā.
- 466. The balls of manufactured tobacco are generally पिल्ला pilanda or चौंचा dhōndha. Other names are चोचिया lohiya (Champāran), गोचा gola (Sāran and the East), चौंदा londa (South Munger and North-West Tirhut), चिही litti in Patna and South Munger, and पिटा pinda in Shahabad. दिवारी tikri are smaller balls.
- 467. In a tobacco shop the broad flat metal plates are, north of the Ganges, होनी seni, and south of it बान चा khāncha or बोन चा khoncha. The tobacco-pots are भाँडा bhānra, चवचा charua, or चवर charui. The cloth covering the stand for the vessels is चवचा kharua, काँप jhāmp, or परन्दा parda, and the board on which the tobacco is mixed is पढना patra or पोदा pīrha. When of stone it is पढिचा patiya. Instead of पोदा pīrha, पिढ़िया pirhiya or सब्दना takhta may be used.
- 468. Among the spices used in manufacturing tobacco are जिटा सभी jata masi, स्कीका chharila, सुगन्द बाला sugand wāla, and सुगन्द कोलिसा sugand kokila. Plain tobacco is called सादा sāda, that which is spiced or scented बंबीरा khambira or समीरा khamīra, and a mixture of the two दोरस doras or दोरसा dornsa.

CHAPTER VIII.-THE PIPE-MAKER.

- 469. The maker of gurguris (vide post), who is a state hasera or brazier, uses a kind of lathe, which is called state kharād. Of this state khūnta, or in South Bhagalpur state kund, is the block which holds one end of the stem as it is being turned. In it is fixed an iron spike called ga gūnj. Used pharhi is a piece of iron which keeps the stem in its place as it is being turned, and state bagheli, or in South Bhagalpur state baghaila, is a piece of wood through a hole in which the stem is passed during the operation.
- 470. The workman uses the revolving awl, परन्मा barma, moved by a bow, कमानी kamāni, of which the string is तपन्मा tasma, दोरी dori, or जोती joti; a broad chisel, चौरन्मा chaursa, and a narrow gouge, वस्त्रनी naharni, or in South Bhagalpur नेस्नी nehni; an adze, वस्त्रा basula; a small saw, चारी āri; a knife, स्री chhūri; and files, रेनी reti.
- 471. The maker of hubble-bubbles (जरियरन्याका nariyarwāla) uses a रेनी reti (of which the point is पूर hūr), चारी āri, चरन्मा barma, and गण gaj.
 - 472. The pipe (sat hukka) is of various kinds—
 - (1) The जरियर nariyar or जरियास nariyal, which is the ordinary country hubble-bubble, in which the mouth is applied to the cocoanut itself. It is smoked principally by Hindus. Of this the stem bearing the bowl for burning the tobacco is बोना bota or जहा gatta. The short smoking-stem sometimes applied to the cocoanut, to save the hands from being blackened, is जिनासी nigāli or जर nar. The bowl is जिनासी nigāli or जर nar. The bowl is found chillam or जिन्म chilam. In South Bhagalpur पौनी pongi is a temporary pipe made of the leaf of a tree. In South-West Shahabad द्यो dammi is a wooden pipe used by travellers, and द्यान्यासा damdamācha a pipe used by women.
 - 473. (2) The other kinds stand on the ground, and are more or less similar to each other in shape. The general name is useful gurguri when the smoking stem is joined to a tube rising from the brass bowl, and name garyara when it issues directly from the brass bowl. They are generally made of metal or earth. Another name is useful pharsi. The tube arrangement for carrying the



A collection of pipes.

Simple chaugăni.
 Arhāī khamhā.
 Simple gargara.
 Phatah pench.

4. Kulphidār chaugāni. Satak or penchwän.
 Jilebiya kulphidär. 1. Penchdär gargara.

9. Hubble-bubble or nariyar.
 10. Tharhiya.
 11. Kehunidar.
 12. Gauraiya.

bowl is the same in principle as in the coccanut kind. The difference is in the smoking-stems (at naicha).

Of these there are-

- (a) কুল-দীৰ্ঘ kulphīdār, that with joints (কুল-দী kulphi), allowing the mouth-piece to be moved in any direction. A কৈছনীৰ্ঘ কুল-দী kchanidār kulphi is a joint like an elbow, and a জিল্লিৰ্ম কুল-দী jilebiya kulphi is a twisted joint.
- (b) আহাহ অন্য arhāi khamha, that with two large bends and one small one.
- (c) देह बना derh khamha, that with two bends.
- (d) टहिया tharhiya or टड़िया thariya, with a short straight stem—used only by poor Masalmāns.
- (e) चौगानी chaugāni, the simplest kind—used by the poor.
- (f) गौरेया yauraiya, a simple kind, made of pottery.
- (y) जटक latak, which bends downwards.
- (h) क्षेत्र chhalledar, ornamented with gold or silver rings (क्षा chhalla).
- (i) चटक satuk, पेचन्यान 'pechwān, पेंचदार penchdār, or फत्र पेंच phatah pench, are various kinds with the long, snake-like, flexible tube.

CHAPTER IX.-THE PIPE-STEM MAKER.

- 474. The pipe-stem maker (नेपाबन naichāband or नेपाबन naichāban) uses an awl, तज gaj or (in Patna) धर्ष sīnkh; a polishing-knife, हरी chhūri; a pair of scissors, केंची kainchi or संकर्राज mekrāf; a saw, चारी āri; and a pair of tweezers, सोचन्ना mochna. He also uses तरन्ता tarla or reed, and चीन chīn (Panicum miliaceum), a superior kind which comes from Sylhet.
- 475. For making the longest snake-like stems, पेचन्यान pechwān, a board (सवन्ता takhta), a string (डोरी dori), and a mould (वास्ति kālib), are also used. The embroidered work on a pipe-stem is called in South Bhagalpur पानन्दार pāndār or मोरसा morassa. The silk work on it is सरावर sarāsar or भरावर bharāwat, the flowered silk work on it चुडी būti, the silver work on it चुडी būti, and the ornamental cloth work, उसाव बीन ulli chīn.

CHAPTER X.-THE COTTON-CARDER.

- 476. The cotton-carder is gravif dhuniyan. For a description of him and his instruments, see § 334 and ff.
- 477. In addition may be mentioned the परःकन patkan, which is an instrument for teasing cotton. It is also called non gaj in Tirhut, Shahabad, Gaya, and South Bhagalpur, and stati in Champāran and Shahabad. The परःका phatka or परःको phatki is a simple bow used by village women for carding cotton.
- 478. A lion once met a cotton-carder in the forest, and seeing his carding-bow, mistook him for a hunter. To avoid being killed, the lion addressed him डाय घउडी कार बान, कराँ चर्च दिली एक तान hāthe dhanuhi kānhe bān. kahān chalc Dilli Sultān,—with bow in hand and arrow on shoulder, where is the emperor of Delhi going? The cotton-carder was equally frightened, but at length mustered courage to reply बन में रहन्या बन में खाना बड़े के बात बड़े पहन्यांग bun men rahna, ban men khāna. bare ke bāt bare pahchāna,—although he live and eat in the forest, only a gentleman can recognise a gentleman. These sayings have passed into proverbs, the meaning of which is obvious.

CHAPTER XI.-THE SHOE-MAKER.

- 479. The shoe-maker is मोची mochi or मोची monchi in cities, and चमार chamār in the country. Among his tools are—
- 480. The thick iron pounder for joining the edges of two pieces of leather which have been previously smeared with paste, which is जोडिया lohiya north of the Ganges generally, also जहाँका lahaunga to the west of that tract, and पिटन्ना pitna in North-East Tirhut. In Patna, Gaya, and South-West Shahabad it is जोडिया lohanga, and in the rest of Shahabad and in South Bhagalpur it is जोडिया lehonga or दियाना tipna. In South Munger it is जिंगाडा singtha. The paste used is जेर lei, or to the south-east of lai. In South-East Tirhut it is जोडिया. जन्म lasam is a similar paste made of pounded boiled rice.
- 481. The knife for scraping the surface of the leather is in North-West Bihār रॉपी rāmpi or रापी rāpi. In Tirhut, the west, and South-East Bihār it is also खुरूपी khurpi. In Gaya it is खुरूपा khurpa, and in Patna रूपा rampa.
- 482. The large awl is चनारी sutari, with a variant उनाकी sutali it Gaya. To the east it is also जोवर lokhar, in Champaran जांचार

lāhkhar, and in South-East Tirhut चार ār. The awl with a hook at the end for sewing is कटरानी katarni. In South Bhagalpur it is टकाना takna, and in South Munger टिप्रनी tipuni. The medium-sized awl is मॅमोचा manjhola or मॅमोची manjholi.

- 483. The horn for grease is term singa; south of the Gauges, it is also term singh.
- 484. The last is फरन्मा pharma or (north of the Ganges and the South-East) काणन्त kalbūt; south of the Ganges it is also, in Gaya, कांचन्त्र kālbūd, and कणन्त्र kalbūd elsewhere.
- 485. The wedges of wood or leather fastened to the last to make it fit are परन्ताचा partaha (also in South Munger), or परन्ताचा partāha in Shahabad, and पची pachchi in the south-west of the same district. In South Munger they are कपन्हेरी kapchheri.
- 486. The chisel for paring the edges of the sole is खुरन्पी khurpi The sort of wooden chisel for smoothing the surface of the leather is बँगा beinga to the east, बँजा beinga north of the Ganges, or बँधाँगा beinga or बँधाँगी beingi elsewhere south of it. In South Bhagalpur it is पेसन pelan.
- 487. A wooden block for beating the leather is चाँमर hāmmar in South Munger and Gaya and चामँड yhāmanr in South-West Shahabad. The block on which the leather is out is पिहिचा pirhiya, or in South Bhagalpur दिवा silla, and in Saran पिरन्दी pirhi.

CHAPTER XII. - THE BLANKET-WEAVER.

- 488. The blanket-weaver is गड़ेड़ी gareri south of the Ganges and भेड़िड bhenrihar north of the Ganges; also in East Tirhut महड़ marar.
- 489. He uses a simple loom. The stick on which the blanket is wound as it is woven is बोबर okhar south of the Ganges. North of the Ganges it is दिंगीय sinjoy, also विद्यो sinjo in Tirhut and कमन्यर kamhar in Champāran. The supports for this beam are खुड़ी khutti, खुडी khūnti, or (in Gaya and East Tirhut) खुड़ा, khūntā. In South-East Tirhut they are also गांची gāli and गंधी yalli or गांचियारी galiyāri in Champāran. In Shahabad the left support is called बरानी barni, and the right hand one गांची gāli. In the same district the support furthest in front of him is पूरा dhūra, and in Champāran पूर् dhūī.
- 490. The beam to which the web is fastened at the opposite end rom the weaver is जोडारी ohari. बे ben or बेंच bento is a wooden imple-

ment which is passed between the thread of the web to drive tight each thread of the woof. In South-East Tirhut it is also called **Vay** hatha.

- 491. The movable sticks placed at intervals to separate the threads of the web are सगन्धरी tagdhari in Tirhut and Sāran and बेसड bailat elsewhere, except बेसड bailath in Shahabad and बरत barat in Champāran.
- 492. The heddles, or implement for alternately raising and depressing the threads of the web, are चपन्नी chapni; also in South-West Tirbut खड़ी phatthi.
- 493. The wooden scraper for removing knots or excrescences from the thread is विकारना khikhorna or विकारनी khikhorni north of the Ganges, also विकारना khidhorna in Champāran. In Patna it is विकारना khilorna, and elsewhere south of the Ganges विकारना khilorna.
- 494. The thick iron needle is द्वार sūa, or in South Munger द्वार sūj. The shuttle is चरना sargān in South Munger and north of the Ganges, and वरङ्ग serang or चर्डा seranga south of it.
- 495. In Saran and South-West Tirhut the भाँदी bhānri is a thick bamboo which is placed between the two threads of the warp. In Champaran it is ধাৰন sāsat, in South-East Tirhut ঘাঁধং sānsar, elsewhere south of the Ganges ঘাঁধন sānsat, and elsewhere ঘাঁনা chonga.

CHAPTER XIII.—THE FANCY SILK OR FRINGE-MAKER.

- 496. This man is called **vasat** patwa or **vasat** pathera. In Saran he is called **vasat** patheri.
- 497. He uses the aniti katra or anitial, a piece of wood with four holes, in which four threads are fixed for winding.
- 498. The wooden reel furnished with a handle is बढानी batni generally. The small wooden reel is बढ़ी anti or बर्च charakh. An optional local name is नही gatti in South-West Shahabad. नोची goli, or in Tirhut and South Munger पेयन pechak, is a ball of thread. The winding-stick is नोची tili in Patna, विचन belan in Shahabad, and चनाँद latāin in North-West Bihār.
- 499. His scissors are and kainchi. The coarse needle for smoothing roughnesses in thread is usit salaï, also saut takua in East Tirhut, and saut tekua in Champaran. The ivory smoother is usit mathar,

or in Sāran सडरामा matharna. The large darning-needle is सूचा sūa. The fine needle is सूदे sūi, also ममनसुदिया nanmuhiya.

- 500. The iron hook with a ring which goes round the toe is अंतुरा or अंतुरा ankura, also अंतुरा ankusa and अंतुरा ankusi in Gaya and North-East Tirhut. This hook is supported on a stand called यून thūnu in Patna, योग thauna in Gaya, यका thalla in South-West Shahabad, योग dhauna in the rest of the district, and अंत tham to the east generally.
- 501. The drum off which the thread is wound is परेता pareta, परन्ता parta, or परन्ती parti in North-West Bihār. The bamboo frame on which the thread is wound is बटन्दा natwa or बटन्दा latwa. In Patna it is बटाइ natäi, and in Gaya and the South-East बटन्दा netwa.

CHAPTER XIV.—THE EMBROIDERER.

- 502. The embroiderer is जरावीज jardoj or (south of the Ganges) कारावी बाला kārchobiwāla, and he makes embroidery (कारावीबी kārchobi) on the कारावीब kārchob or embroidery-frame, on which the work is stretched. This frame is rectangular; and of the parallel pairs of sides, one pair is called (in Patna) समन्देर samser or (in Gaya and the west) समन्देरक samserak, and the other नीकी tili in Patna, फरइ pharad in Gaya and Sāran, and पृत्ती patti in Shahabad.
- 503. The small needle is खर sūï, and the sewing-awl सनेमान sutemān north of the Ganges, सनःवान sutwān in Gaya and Shahabad, स्था sūa or विश्व खर्र bari sūï in Patna, Gaya, and South Munger.

CHAPTER XV.-THE DYER.

- 504. The dyer is रॅगन्रेज rangrej, in opposition to the रॅगन्सज angsāj or painter. In North-West Bihār he is called रॅगन्रेजी rangreji.*
- 505. He uses a vat or pot sunk in the ground for his dyes. This s called north of the Ganges साट māt. In Patna it is साँट mānt, and to he east साट māth. In Shahabad it is साँड chhonr, and in the south-west of the district कुला kunda. In Gaya and East Tirhut it is कुड़ kūnr, and n South Bhagalpur and East Tirhut नोसी goli.

^{*} This word is often confounded with the word জান লৈ Angreji 'English;' nd in jest, or when speaking facetiously, the English in India are called ব্যাহার angrej, or 'dyers.'

- 506. His half-round pot is ব্যান্ত athra or বাব nād north of the Ganges, in Shahabad, and South Munger. In South-East Tirhut and South Munger it is also called ক্ৰাম্ত karāhi. In Patna and Gaya it is ক্ৰিনা, and in South Bhagalpur ক্ৰমেন্ত karhāi.
- 507. The wooden filter-frame on which the cloth is hung like a bag with the dye inside is माँजी mānji or मची manji generally. In South-West Tirhut it is भिरुखा mirla, in North-East Tirhut भोरी jhori, in Gaya माँभी mānjhi, and in South Bhagalpur चन्म chammal. The string tied to the cloth is क्यन kasan, and the cloth with the dye inside it in South Munger and Patna क्याना phulgarna.
- 508. The stirring-stick for mixing the dyes is चडी dandi, or in South Munger चडा danta, in South Bhagalpur डेंचन्ती tekhti, and in North-East Tirhut चरना larna.

CHAPTER XVI.—THE WOOD-PAINTER.

509. The wood-painter is रंग-साज rangsāj, as distinct from the रंग-रेज rangrej or dyer. He uses two kinds of paints—one चलर astar, which is a paste made up with chalk and gum, and the other रोगन rogan, which is made up with resin and oil.

CHAPTER XVII.—THE TIN-MAN.

- 510. The tin-man (कर्नार kalaigar) uses a bellows, called भाषी bhāthi south of the Ganges and in East Tirhut; elsewhere it is called कार्नी dhaukni. Another name current south of the Ganges is एकः स्व भाषी ekhatthu bhāthi. The two sticks used as handles are north of the Ganges and in South Munger को hatthi or का hatthū, and south of it, and also in Tirhut, का danta. In South-East Tirhut they are also का hattha. The bamboo pipe is चाँगा chonga, also in North-West Tirhut naraua, in Gaya and Shahabad कराउँ narāūn, and in South Bhagalpur चाँगो chongi.
- 511. The solder is राँगा ranga, and the soldering-iron विद्या kaiya. He also uses cotton-wool, बर्गा, and pincers, पराधी sarsi or चंड्रची sarsi. The दिकादा thikra or चोरिया khoriya is the flat tile for melting the solder.
- 512. The tin-cutter is केंची kainchi, and he also uses the small hammer, पर्योरी hathauri, and the compasses परव्यास parkāl. The tin-scraper is नेपानी nehni or स्वयानी lehni; slso सुरक्षिते khurchuni in South Bhagalpur.

513. The सवन्त sabra, सवन्ते sabri, or (in South Bhagalpur) सावस sabal, is a small kind of anvil, made of a bent piece of iron, with one end pointed and stuck in the ground.

CHAPTER XVIII.—THE JEWELLER.

- 514. The jeweller is चौनार sonār, or in Gaya चोनी soni. In Champāran and North-West Tirhut he is चोनन्गड्ड चा चौनार songarhua sonār.
- 515. Amongst his implements are the tongs, which are चँड्र-सा saursa or मॅड्र-सी sanrsi.
- 516. The pincers have various names. Large pincers are चिमन्टा chimta in South-West Tirhut, also चेन्ना schuna generally to the west; चोन्ना schuna to the east and in Gaya, and चूँरा chūnta in Patna. Smaller ones are चिमन्टी chimti, चंडनी schuni, चोन्ननी schni, or चूँटी chūnti. Another kind is मुख्या gahua, which are the large pincers. Nippers are मुझ्ये gahuā, or in South Bhagalpur मुझ्यों gahuā. The चमन्युची kaymuhān are nippers twisted at the head for holding the crucible in the fire. These may also be called चमन्युची bagsanrsi in North-West Bihār and चमन्युची bagmuhān in Tirhut and Champāran.
- 517. The जबूरा jamura or जबूरी jamuri are wire drawing-pincers, and the perforated wire plate is जम्मी jantri south of the Ganges, in North-West Bihār, and East Tirhut, जैंडी jaintri north of the Ganges generally, and जनरी jatri in Champāran and North-East Tirhut.
- 518. The iron needle-shaped tool for making links of chains is ইয়ৰী tekuli to the north-west, হয়ৰা takua to the east and south-west, ইয়ৰা tekua in Saran, Patna, and Gaya, and ইয়ুৰী tekuri in South Bhagalpur.
- 519. The compasses are परःकास parkāl or कम्पास kampās, or in South-West Shahabad प्रसांकी chalānki.
- 520. The chisel with a round knob for embossing circular ornamentation is बस्तकी khalni, or in Tirhut कोस्तकी kholni.
- 521. The cold chisel is देनी chheni, and a smaller variety is कसम kaiam south of the Ganges.
- 522. The cutters are कैंची kainchi, and also to the south, except Patna, कतरानी katarni.
- 523. Amongst hammers रचौरा or इचौड़ा hathaura is the largest. The medium-sized is मरिचा or महिचा mariya, with a variant मरेचा mareya in North-East Tirhut; in Gaya it is महरानी matharni. The smallest

- is नोसन्सुचाँ golmuhān or नोसन्सुचाँ golmuhīn; another name is कोन्नसरिया kholmariya in East Tirhut.
- 524. The small pointed anvil is उमादान samdān. The curved anvil is प्रकाश ekwāi, or in East Tirhut प्रकाश ekābe.
- 525. The bell-metal anvil sunk with several depressions for making repoussé work is कंत्रजा kansula in North-West Bihār, कंत्रजा kansula in East Tirhut, कॉन्डिंग kānsula in South Tirhut, कॉन्डिंग kānsula in South Tirhut, कॉन्डिंग kānsula in South Bhagalpur and South Munger.
- 526. The square-headed anvil is fasts nihāi, or in Champāran and North-East Tirhut asty nehaë, and asts nahāi in South-East Tirhut. In South Bhagalpur it is fasts lihāi.
- 527. The anvil blocks sunk in the ground are stat chāha in Sāran and South-West Shahabad. In Champāran and West Tirhut they are state theha. In Shahabad they are parest ektha. In Patna, Gaya, and Tirhut they are state parkath, and in South-East Tirhut also strifted piryithi.
 - 528. The blow-pipe is amount baknar, or in Saran amount baknal.
- 529. The hollow cane for blowing up the fire is नरी nari, with local variants नारी nāri in Gaya, जारी lāri in North-East Tirhut and South Bhagalpur. In South-East Tirhut it is optionally क्षवादी phukāthi. The fireplace is जीवा angaitha north of the Ganges and जीवा angatha south of it. Another name for this last is जोराजी borsi. The fan for blowing up the fire is पहा pankha or पहा pankhi; also in South-West Shahabad it is जीवा beniyān. In North-East Tirhut जही bhatti is the dry powdered earth used for cooling the hot metal.
- 530. The small clay crucible is चड़िया or चरिया yhariya. It is made of a mixture of clay and rags called in Shahabad कॅपन्रीड kampraut, and in Champāran कपन्रीट kapraut.
- 531. An ingot not beaten out is कामी kāmi, or in Gaya प्रकारा ekwāi. In Sāran it is चढा thakka, in Champāran and North-West Tirhut कहा chhalki, South-East Tirhut कही gaddi or चोक thak (also in South Munger), in South Bhagalpur चौक thauk, and in Tirhut generally except the north-west विकास chhilki. A block of silver beaten out flat is बोराचा chaursa.
- 532. The iron ingot mould is परनाराजी pargahni to the west and परनाराजी parghani in Patna and Gaya. In East Tirhut it is जारा dhāra, in Sāran कम जारा kam dhāra, and in South Bhagalpur जाजी nāli.

- 533. The moulds of various sizes into which metal is beaten are कट-किरा katkira north of the Ganges, कट-किरा kathkira south of it to the east, उसा thassa in Saran, and उसा thappa in Gaya and Shahabad. In Shahabad similar moulds are वस्त्वा bahka, स्वरिया laheriya, गोवन्त् yokhlu (also in South Bhagalpur), and मोतिया motiya. To the west रहटनार rahatwar is a mould in which round articles are beaten into shape, and गुंजनरी gunjri is a similar smaller one. In the same tract पगर्दी उसा pagri thasa are milling moulds, such as those in which the edge is given to a rupee. These last are called in South Bhagalpur खोरा विश्वी khira bichchi, बाँच bānh, or पगर्दा pagra.
- 534. Pattern stamps for ornaments are डॉचा thonsa in Shahabad, डाचा thāsa in Gaya and South Bhagalpur, डॉच thāns in Patna, and डाचा chhāpa in South-West Shahabad and South Munger.
- 535. The कटोरी katori is a box or cup for holding scraps of silver. In North-East Tirhut it is called दिवस dibiya, and in Tirhut and to the east चित्रका situha or रॅगेक्टरी rangehri.
- 536. The polishing-brush is बरींकी baraunchhi. In South-East Tirhut it is also called कुची kuchchi. The polishing stone is चोपन्नी opni or पोत pot.
- 537. The touch-stone is कारोटी kasanti. A jeweller's wages is गहार garh के

CHAPTER XIX.—THE LAPIDARY.

- 538. The lapidary is पदाक hakkāk, or in South Bhagalpur मोपन्ती जोरार mohli lohār, and he uses a revolving grindstone or पान sān or in Shahabad पकर पान chakar sān, made of corundum powder and lac. The bow for turning this is कमाना kamāna or (to the west) कमानी kamāni. Its props are खंडा khuntu, देवाजी dewāli, or प्रकटा ektha. Its wooden axle is पाँचा sānkha in Patna and Gaya, अह lattu in Shahabad, and कम kūn to the east.
- 539. The agate burnishers are घोँडा ghontu, and the round ones चिन्नी silli; the pincers, चूँडी chūnti in Tirhut, Patna, Gaya, and the east, चिन्नाडा chimta in Sāran, and चेडनी sehuni in Shahabad; the iron graver is चनाइ salāi; the cutters, चैंची kainchi; the small hammer, च्यौरी hathauri; the anvil, निचाइ nihāi; the pincers, चेंड्नची sanrsi; and the revolving awl चिन्ना सान jilā sān or चर सान khar sān.

CHAPTER XX.-THE SEAL-MAKER.

- 540. The seal-maker is not moharkan, and he uses a machine called a was charakh, of which the principal portion is a revolving awl,
- 541. The hammer which he uses is महानी mathni or महिया mariya; the stone to which the metal to be engraved is fastened is देना dhema; and the diamond pen is कराम kalam.

CHAPTER XXI.—THE GOLD-WASHER.

- 542. The gold-washer is called नियरिया niyariya or नियारिया niyāriya north of the Ganges and in Patna; elsewhere south of the Ganges he is called चन-घोषा sandhoa, and South Bhagalpur नियार धोषा niyār dhoa.
- 543. He uses the कडरा kathra or wooden pan for washing the ashes of jewellers' shops. Another name current in Patna and Gaya is कटोनी kathauti. The ashes are नियारा niyāra or नेपारा neāra, and they are collected by a scraper, ख्रापा khurpa, and a broom, ज्यो kūnchi or ख्रा mūtha. South of the Ganges the पद्धी pakhuri is an iron instrument for collecting the ashes.
- 544. His sifting-pan is were chhattan, or in Patna and Gaya
- 545. His bellows are भाषी bhāthi; his blow-pipe, बकानार baknār, or in Shahabad बकानस baknal; and the earthen pipe of the vessel which remains in the fire, सुराना suswa north of the Ganges and स्था sūnsa south of it. In Sāran it is also नरीया naraua.
- 546. His pincers are पंदानी sanrsi, or in North-West Tirhut पनाना sansa; and the iron stirrer चौन sīnk north of the Ganges and चौन sīnkh south of it. Another name for the latter is चनार salāi in North-West Bihār.
- 547. The earthen crucible is alter or alter ghariya, also six dib in Patna and Gaya and an adda in South Bhagalpur. These crucibles are of two kinds: the first only destroys the dirt, leaving all the metals behind, and is called an alter baglauti. The second destroys all the baser metals left by the first, and leaves only the gold and silver untouched. It is called gases punhar.

CHAPTER XXII.—THE BRAZIER.

- 548. The brazier is डडेरा thathera, but in Shahabad he is also called करेरा kasera, which properly means a brass-founder. In North-East Tirhut he is डडेरि thatheri. He is famous for his powers of swindling, as in the proverb डडेरि डडेरि वर्डि बर्डेस सेव thatheri thatheri nahiñ badla hoy,—braziers don't traffic with each other (for if they did, it would be diamond out diamond).
- 549. He uses the विचार nihāi or बेचाए nehāë, or anvil. In East Tirhut this is also called चेचाए lehāe, and in Patna, Gaya, and South-West Shahabad प्रकार pathal. The चन्दान samdān is the pointed anvil, which is also called in Gaya and Shahabad एकःबाद ekwāi. The चन्दा sabra or, in the south-east चावर sābar, is an anvil round at the top. The circular anvil for shaping the mouth of a vessel is चौका chauka south of the Ganges and बगलन्यचा bagalbharua north of it. South of the Ganges the गोइया geriya (Gaya) or दुगोड़ी dugori (west) is a sort of wooden anvil or block. The गोसी चन्दी goli sabri is a kind of anvil for pushing up any indentations. In South Bhagalpur it is called गोलन्याच golsābar. The चद्के kharue, or in Shahabad दक्का dabtha, is a kind of anvil on which hollow vessels (गगन्दा gagra) are hammered out. It stands on the two-legged दुगोड़ी dugori, also called
- 550. The cutters are केंद्री kainchi, also कात kāt in Gaya and North Tirhut.
- 551. The stirrers are—(a) for stirring solder, कैया kaiya south of the Ganges and पराद sarāi north of it; also सोपन lopan in East Tirhut: (b) the iron stirrer for mixing up the flux, पन-देनी pandeni north of the Ganges and Gaya, पनेनी peneni in Shahabad, and पन-काडी pankāthi (of wood) in South Bhagalpur.
- 552. The pincers are चनःषी sansi or सँदाणी sanrsi, also गड्डचा gahua; the file रेती reti, and the hammers चर्चरा hathaura or चर्चरी hathauri, also महत्ता mathna north of the Ganges and to the west, मरिचा mariya in East Tirhut, and चन ghan in North-East Tirhut.
- 553. The vessel for holding the flux, चौचागा sohāga or पाप्रक pāën, is कहोरी katori. In South Bhagalpur it is पनःवाचा panwāla.
- 554. The bellows are भाषी bhāthi; the crucible, षड्या or घरिया shariya; the tongs, पनन्धी sansi; and the perforated cover for the crucible, चोचार ohār north of the Ganges, South Munger, and South-West Shahabad; also चाँच jhāmp in South-East Tirhut and South

Munger, भाषा jhampan or भाषा jhampna in Patna and Gaya, कियोग chhipauna elsewhere in Shahabad, and करण्डार karhāi or सुन्दन mundan to the east.

555. The mallet is मुंगररी mungri. The scales are नराजू tarāju or नराजू tarjūï. The polisher is को खानी chholni or क्रेंचानी lehni. In South Munger it is also नेपानी nehni.

CHAPTER XXIII, THE BRASS FOUNDER,

- 556. He is करेदा kasera, and in Gaya also तन्द्रेश tamhera.
- 557. He uses moulds of various kinds, called साँचा sāncha, or in Shahabad कमन्दरना kamaharna. His lathe is खराद kharād, or in Shahabad and South-East Bihār हुन्द kund. His large pincers are सङ्ख्या sanrsa or समस्या sansā. His crucible घरिया ghariya, of which the mouth is सुँच munh. His broad chisel is चीरमा chaursa or चीरमी chaursi, also स्वानी lehni in Shahabad and देनी chheni in the south-west of the same district.

CHAPTER XXIV.--THE BRASS BANGLE-MAKER.

- 558. The brass (काँचा kānsa) bangle-maker (उठेरी thatheri or उठेरा thatherar) makes बाँची bānhi, which are brass bangles worn by the lower classes. To the east they are called बतियो batisi, and in South Bhagalpur बन्धी basti. When a number of these are worn, those at each end are called बन ban or (South-East Tirhut) कवायी kachrukhi and (Sāran) कतारी katri. Of these the one highest up the arm is called बन्ना agua or बनेना agela, and that nearest the hand, पक्षा pachhua or पहेला pachhela.
- 559. He uses the following implements. Variants of the names already given in other chapters will not be repeated here:—
- 560. ने बाय nehāy, the anvil; च्योरी hathauri, the hammer; सँड्रमी sanrsi, the pincers; रेती reti, the file; देनी chheni, the cold chisel; भाषी bhāthi, the bellows; घड़िया ghariya, the crucible; and डाड्रा dhāra or गाँचा sāncha, the mould, in which बासी kāmi is the orifice through which the molten alloy is poured.

CHAPTER XXV.—GLASS-MAKER AND GLASS BANGLE-MAKER.

561. These are the सीसा बरेबासा sisā dharewāla or glass-manufacturer; the सनियार manihār, who makes glass bangles; and the मुरिहार

r चुड़िचार churihar or चुड़िया churiya, who makes the embossed rnaments on glass bangles.

- hrough which the melted glass is removed is बारा bāra north of the Ganges, मोचन्द्रा mohra in Shahabad, and elsewhere द्रावामा darwāja. This is closed by a cover called असन्वारी alvāri north of the Ganges and in South Munger, बोखन्वारी olwāri in South-West Shahabad, द्योग thapauna in Shahabad, and elsewhere अपन्तर jhapna.
- 563. The earthen crucible is डिकार thikker or डिकारा thikra generally, also कड़ाड़ी karāhi in South-East Tirhut, and डिवन्स dibra in Patna and Shahabad.
- 564. The spoon for putting the glass into the crucible is करन्तुण karchhul. The iron hook for taking out the glass is जेन्दी ankuri or जेन्द्रा ankura in Patna and the west. जन्दा akura in South-East Tirhut, एवं पन्ति hath akuri in South Tirhut, एवं पन्ति hath akuri in South Bhagalpur, and बरन्ती पन्ति dharm akuri in Champāran. The instrument for turning the glass in the crucible is जन्दा akura generally, and करन्द्रण kalchhula to the west.
- 565. The stone on which the ring is shaped is पखर patthar or पत्नक patthal north of the Ganges, and पथरी pathri south of it. The mould with a handle for shaping the bangle is कांसबूत kālbūt north of the Ganges, and कसन्बुद kalbud or साँचा sāncha south of it. The handle of this is सरक्षारी sarkandi.
- 566. The long iron poker on which the glass is melted is सखान salāg; the flat iron instrument for shaping the ring is माजा māla; and the instrument for widening the ring to the required size बेधन्यार bedhwār in North-West Bihār, वधन्यारी badhwāri in Patna and South Tirhut, and वधरना badharna south of the Ganges. The कोटि बेधन्यारी chhoti bedhwāri, &c., or कोटि बज्जरी chhoti akuri, is the instrument for taking the ring off the mould. In South Bhagalpur it is धरजी gharanni.
- 567. Other instruments used by the glass bangle-maker are दिखानी tikhthi, which are bamboo slips for holding the bangles in the fire; पन्नी panni, leaves of solder; फोनाडी phokāthi (Gaya and South Bhagalpur), फोनी phonphi (West Tirhut and South-West Shahabad), or नरी nari (Patna, South Munger, Tirhut, and rest of Shahabad), which is the pipe for blowing up the fire; the जैनेडा angethā or जैनेडी angethi, which is the fireplace; and जुंडा chānta (Shahabad), जुंडा chunta (Tirhut, Gaya, and South Munger), जुंडी chānti (South Bhagalpur), or जिमांडा chimta (generally), which is the pincers.

- 568. In Shahabad a famous maker of glass bangle ornaments was one Samman Churiya. It is said that when boys he and a king were pupils in the same school, and each promised that on his marriage he would show the other his wife. Samman married first, and did so. When, however, the king married, he refused to carry out the agreement and show his wife to Samman. The latter thereupon disguised himself as a female bangle-maker, and, gaining admission to the female apartments, sold some ornaments to the queen in the presence of the king, who praised the workmanship, saying the bangles were like ivory ones. Next day the king began to boast of his high character, and how he would never allow his wife to be seen by an outside man, when he was interrupted by Samman reciting the following verse, which showed the other how he had been made a fool of:--- सकान चरिया ज गहें च्यों इस्ती के दन्त, बाँच पकड़ि रस खेत चें, बैठे देखें कन Samman Churiya ū garhen jyon hasti ke dant, banh pakari ras let hain, baithe dekhen kant,-Samman the bangle-embosser makes bangles like ivory. He held her by the arm, and had the pleasure (of seeing her) while her husband was sitting by.
- 569. The stamp for making embossed ornaments on the bangle is साँचा sānchā (Tirhut and the south-east), करेंची कडाना karaili katna (Champāran), डप्पा thappa (South-West Shahabad), and सापा chhāpa (Tirhut and elsewhere in Shahabad). In Champāran and South-West Tirhut सोबर togar is an instrument for embossing.

CHAPTER XXVI.-THE LAC BANGLE-MAKER.

- 570. The lac (with lake or with lah) bangle-maker is with lakers or with lakers. He uses a block of wood with a handle, on which the bangles are fitted, which is called with kind; a view sancha, which is a brass mould for embossing ornaments; and a wind chubhki (and also to the east wind chubhti), which is an ivory mould for embossing. His bamboo pipe for blowing the fire is with nari or with nari, also water phukāthi or with lāri in South Bhagalpur and water phukhāthi in North-East Tirhut.
- 571. A bangle, whether of glass or lac, is पूरी chāri. The latter variety is also called बारडी lahthi. Of these the thickest, or keeper, which prevents the thinner ones slipping over the hand, is कॅगरी kangni. The end bangles of a set are बार band, or in South Bhagalpur बाराना larna, and the intermediate ones बारानी surki, and in South Bhagalpur प्राथम pahta.

Potter (Kumhär) at 10mk

CHAPTER XXVII.—THE POTTER.

- 572. The potter is generally called कुन्दार kumhār or कुन्दरा kumhra; in the east he is also called पण्डित pandit, and in Patna and Jaya also पराजापत parjāpat. In Shahabad he is कुन्दर kumhār, and in the south-west of the district कोचार kohār. Concerning him there is a proverb, नियम पूते कुन्दरा, परिया नठ से जाय चोर nichint sāte kumhra, matiya na le jāy chor,—the potter sleeps secure, for no one will steal clay. His wife is known as कुन्दिन kumhaini or कुन्दरन kumhain, as in the proverb तेजी वेच चा कुन्दिन पणि teli bail la kumhaini satti,—for the cake of the oilman's ox, the potter's wife has become suttee, i.e., she interests herself in other people's affairs.
- 573. His wheel is चाक chāk, which is turned by a stick, चकेट chakaith, or in North-East Tirhut चरि chhari, on a peg, which is कीचा kila or किया killa to the west, and चूँटी khūnti or खुडी khutti to the east. In South Bhagalpur it is, however, चिका silla.
- 574. The implement for mixing the clay is जंबन्दर lehsur north of the Ganges and जंबन्दर lahsur south of the Ganges generally. In Shahabad it is कटानी kutni, and in South Bhagalpur पाद्य patta.
- 575. The rammer for consolidating the clay is पौडन pitan when made of wood; when made of earthenware it is पौड़ pinr north of the Ganges generally and in Shahabad, पिड़ीर pirhaur or पिंड्री pinrhuri in Patna, and पिंड्र pinrhur in Gaya. In South Bhagalpur it is पिनोरी pinanvi. The clay is smoothed with an instrument called मिलीना milauna north of the Ganges and in South Munger, and also मकानी majni in South-East Tirhut and South Bhagalpur.
- 576. The moulds for shaping vessels are अवस्ती athri generally. Other names are अवस्ती kathathri in Patna and अवस्ती karthari in South Bhagalpur. The pots when ready are severed from the wheel by a string called देवन chhewan; also दोनी chhauni in Patna and देवनी chhewni to the east. In South Bhagalpur it is देवनी chhewno. Another name is क्यानी kamthi in North-West Tirhut. The पदा sancha or पाँचा sancha is a mould used in making tiles.
 - 577. The kiln is wrat āwa.
- 578. The clay-pit has many names, viz. चूचाँ chūān (South-West Tirhut), खँडार khanrār (Patna), मिटायान matikhān (West Tirhut, Gaya, and Shahabad), मटाया matkhana (South-West Shahabad and Tirhut), मटाया matkhabha (South Bhagalpur), मटाया matkor (Patna and South

Munger), and महियार matiyār (South-East Tirhut). Other names are कोचंड़-गर kohanrgar in Sāran and मटन्यम matkham in North-West Tirhut.

579. The earthen pot in which the water which the potter uses while making the vessel is kept is called चक्रवर chakwar in the north-west; also व्यव्यानी athwāni in North-West Tirhut, व्यव्यानी hathwāni in Gaya and South-East Tirhut, and कट्ट kadaith in South Munger. In South Bhagalpur it is चकाड़ी chakori or च्यापानी hathpāni.

CHAPTER XXVIII.—THE FIREWORK-MAKER.

- 580. The firework-maker is আন্তর্নার atasbāj or আনমনোর atasbāj. In Shahabad and South Bhagalpur he is বেশ্বেরালা rawāiswāla. In South Bhagalpur নাঁড়ী gonri is the name of a caste whose employment is to make fireworks.
- 581. He uses a grindstone, which is चन्नी chakki to the west and in South Bhagalpur, and जाँना jānta in Tirhut and to the east; also in East Tirhut चन्नन्दी chakri. In South-West Shahabad it is चिन sil.
- 582. His ramrod for ramming the powder is कसः पुद् kalbul generally, with a variant कसावृत kalābūt in South-West Shahabad. In the rest of Shahabad it is सुन्ता sumba, and in South-East Tirbut optionally सुन्ता sumba when made of iron. In Sāran it is नम gaj. The wooden roller used in making a Roman candle is जोन्यका kholakra, and in South Bhagalpur also जोन्यकी kholni.
- 583. His saw is चारी āri; his knife, दूरी chhūri. A flat heavy one is बाँकी bānki in Sāran and Champāran, बाँक bānk in Shahabad, दाव dāb in Tirhut, and दिवस dabiya also in the north-east of the same district. His awl is बरन्मा barma, and his file is रेसी reti.
- 584. His wooden platter is seem kathra to the west, seem athra in Tirhut, Gaya, and South-West Shahabad, seem kathauti or seem kathaut in Patna, Gaya, and East Tirhut, and seem karhai in South Bhagalpur.
 - 585. Among the fireworks which he makes are—
 - (a) The hand Catherine wheel, and charkhi, and that which is mounted on a pole, and chakkar, the radhe chakkar (South-East Tirhut), or antital chakarban (Shahabad).

Of these, the pipes in which the powder is placed are नास nāl, or to the east सास lāl or सासा lāla, and in South Munger नमा nalla. The pipe in which the axle works is also called नास nāl, &c., as above; also पुत्ती pulli in South-West Shahabad, कुम्बनी kulphi in South Bhagalpur, and in South-East Tirhut दनियाची daniyāli. The axle itself is सकरी makri or सूनी chhuchchhi north of the Ganges generally, and also फॉफी phonphi to the west. The spokes and rim of the wheel are दाँचा dhāncha to the west or स्वारी dhanchri in Sāran, उन्ह thāt in Tirhut, महारी marri in South Munger, and महारा mentra in South Bhagalpur.

- (b) There are various kinds of bombs: amongst them are মুখ্যা bhuchampa or মুখ্যা bhuchappa (north of the Ganges) or মুখ্য ফালা bhuin champa (south of it), খনাৰ anār (generally), ফুল্ফো kulhiya (north of the Ganges) or ভাৰা lauki (east generally), খননোভা bamgola (generally) or নাভা gola (Champāran and North-East Tirhut), নহাকা turāka (south of the Ganges), নাভ ঘাভা nās pāl (generally), খাঁৱুখা dāntua and নাৰ্ভা torna (Shahabad). A long kind of bomb is north of the Ganges খড়কা chahka.
- (c) The balloon is ঘ্ৰামা petāra south of the Ganges, and ঘ্ৰায়া petārha or মামামা gobāra north of the Ganges, to the west. In North-East Tirhut it is ভ্ৰম্মা ঘ্ৰায়া urtā petārha, and in South-East Tirhut ভ্ৰম্ম ঘ্ৰায়া uran petārha.
- (d) The rocket is इवाद hawāi or अधन्मान नारा asmān tāra; also क्ही chhari in North-West Tirhut. In South-West Shahabad, Sāran, and Champāran बान bān, and in North-East Tirhut जङ्की बान jangi bān, is a species of rocket.
- (e) The Roman candle is महन्तानी mahtābi generally, also दसी dasti north of the Ganges and मधर gallar in Shahabad and East Tirhut.
- (f) Other fireworks are सद्याम mahtāb, खजूर khajūr, किसा kilā (a miniature fort, of which the bastions are मुख्जी burji), गञ्च सितारा ganj sitāra, कदम गांच kadam gāchh, चादर पड़ाकेदार chādar parākedār, सादा चादर sāda chādar, चादर chādar or (East Tirhut) सीमन के उद्दी sausan ke tatti, चाँच चर्रकी chānd charkhi, पडेबाज patebāj, किरिन kirin or

(North-East Tirhut) किरिन चक्कर kirin chakkar, कूकूनर chhuchhundar (West Tirhut and South-West Shahabad), कारेबी jalebi (South-West Shahabad), सुरन्ता murra or सुरन्त्र murha (South-West Shahabad and Gaya), चन्दर कला chandar kala (South West Shahabad), पडाका parāka or (South-West Shahabad) पराचा patākha (Chinese crackers), सूरा murha, दीपक dipak, जूची juhi, रसन्पास raspāl (Saran and Champaran), चरन्दाना ardana (East Tirhut), देव deb or देव deo (a flying monster), नटःवाज nathāj or स्तत देव larat deb (fighting monsters), केन कान kait bān (a round rocket), भारत्वी गोला phārsi gola, टही खीलू फर tatti lilu phar (south of the Ganges), धन चक्कर ghan chakkar (south of the Ganges), मोर चक्कर mor chakkar (south of the Ganges), सोर बाझ mor bāj (south of the Ganges), पचरन्छी pancharkhi (Shahabad), चौताना chautāna (Shahabad), पजार बीन hajār bin (Shahabad), चौघड़ा chaughara (Shahabad), अलुक huluk (Shahabad), and बनासा butasa (Patua), which is also called चारी angāri in Shahabad. In South Bhagalpur जीकी lauki and पद्चा paduka have been noted.

CHAPTER XXIX.—THE BOOKBINDER.

- 586. The bookbinder is in North-West Bihār इफन्दरी daphdari, and in East Tirhut इफन्दरी daphdari. In South-East Tirhut he is also called कागन्त्री kāgji. South of the Ganges he is जिल्लाइन्बन्द jildband, or in Shahabad जिल्लाइन्यर jildgar.
- 587. His screw-press is चिकका sikanja. Another kind of press is सकरी makri. The wooden boards for putting between the books in the screwpress are तकता takhta or (in Patna and South Bhagalpur) तकती takhti. In Shahabad and North-East Tirhut they are प्रारी patri; in South-East Tirhut, पिदिया pirhiya; and in South-East and North-West Tirhut, विश्व करवा nishkarda.
- 588. The paper-cutter is আনংকী katarni, or (in Champāran) খাই pārh or ৰাই bārh. The scissors are কঁমী kainchi, or in North Bihār also দ্বালা mekrāj.
- 589. The iron mallet is चर्चारी hathauri or मार्ग्सीच mārtaul, and the awl सूचा sūa north of the Ganges generally and in Shahabad and South Bhagalpur, दरावी surākhi in Patna, द्वाची sulākhi in Gaya,

4 Native Rope Walk.

- री sutari north of the Ganges, and टेक्स tekua optionally in South-E Tirhut. The needle is स्ट्री sūï.
- 590. The embossing-wheel, which is an instrument with a small olving wheel for embossing the binding, is फिरन्की phirki in th-West Bihār and South-East Tirhut, चक्की chakki in Tirhut Patna, चक्कर chakkar in Gaya and South Bhagalpur, and chakka in Shahabad. Other dies for embossing are पूज phūl optionally in Champāran and Tirhut) उपा thappa; also भाजर jhālar, जीरा janjīra, and दोस्की dosūti.
- 591. The cutter for paring edges is भामा jhāma north of the ages and Patna, and चोडन sohan elsewhere. A file for the same pose is रेसी reti.
- 592. The wooden tool for smoothing the binding is चलेप sales rruption of English 'slice'). It is also called fa tilli or नी जी tilli, in East Tirhut कान्यी kanchi.
- 593. The leather-scraper is खुरन्पी khurpi, also north of the nges विकास chhilni. पत्थर putthar is the flat stone on which the ther is scraped.

CHAPTER XXX.—THE ROPE-TWISTER.

- 594. The rope-twister is कहर kanjar in North-West Bihār and iya, and चाँद chāin in West Tirhut. In Shahabad and Gaya he is न्यादा rasbanta. The art of rope-twisting is बटन्नाइ batnāi.
- 595. His rope-twisting implement is called चिर्नी ghirni or चिर्नि irnaī, also चड़ी ghari in South-West Tirhut. Of this the भौरिक्की aunrkali is a flat stone with a hook, to which the rope is fastened as is being twisted; sometimes a peg, खूँडी khūnti, is used for this purpose. he board or bamboo fixed in the ground and perforated with holes, by nich the strands, खर lar, pass is called गड़ाड़ी garāri north of the anges, गरारी garāri in Patna, घरनी gharri in Gaya, and चिर्नी ghirni in habad. The strands are fixed to the ends of pegs, बेसन belan, which wolve in these holes.
 - 596. The string used to move the machine is धिरःना ghirna.
- 597. When cables and thick ropes are made, an instrument called 10rth of the Ganges) was a to hattha charak and (south of the Ganges) in matha is used. This is a grooved block, in the grooves of which 10 strands are fixed to secure uniformity in the twisting. A man holds in his hands, and carries it forward as the strands are twisted.

598. A simpler kind of machine is called **ever** charakh or **ever** charkhi. It consists of only a bent wooden handle, **ever** dandi, and a perforated board. The strands are fastened at one end to the handle, and the other ends are twisted by hand.

CHAPTER XXXI.—THE WEAVER'S BRUSH-MAKER.

- 599. The weaver's brush-maker is called জুঁখাৰ kunchbandhwa. The brush is called জুঁখা kūnchi, জুঁখ kūnch, &c. (See Chapter on Weaving.)
- 600. He uses the घाँचा sāncha, which are two moulds for keeping the brush in order while it is being prepared. He beats the brush with a टोकन्स thokna; and he has a flat piece of wood called पटारी patri for keeping the bristles in order.

CHAPTER XXXII.-THE BOW-MAKER.

601. A bow is कमान kamān, or in North-East Tirhut कमन्दा kamtha, and its maker is कमनन्त्र kamangar. He has no special implements.

CHAPTER XXXIII.—THE WEAPON-CLEANER.

602. The चिकिन्तर sikilgar or arms-cleaner uses a रूदा randa, or in North-East Tirhut आस jhām, which is a kind of plane for cleaning off rust; a युषो gulli, a piece of hard stone for a similar purpose; कुरन kurun, a kind of stone powder. He also uses a चिंचीडा singhauta or polishing-horn, a सराज्यो maskali or iron instrument, and गरी yaddi or thick cloth, both used for varnishing.

DIVISION II.

DOMESTIC APPLIANCES AND UTENSILS.

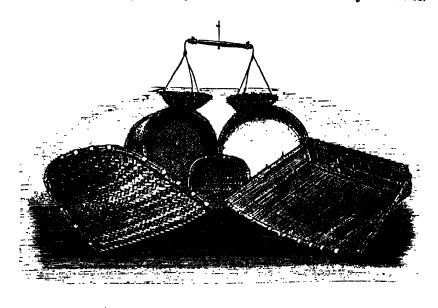
SUBDIVISION 1.

PLIANCES USED IN THE PREPARATION OF FOOD.

CHAPTER I.—SIEVES.

- 603. The winnowing-sieve is स्प sup or कोलन्स्प kolsup. The ner is also used for sifting grains of various sizes. It is made of s. The latter is used for winnowing only, and is woven of bamboo. They are both oblong in shape, and have a low wall round e sides, called in East Tirhut महन्स marra. Other names are कोनिया ya (North-East Tirhut) and सगरा dagra (see § 47) in Gaya, mpāran, and North-West Tirhut.
- 604. The चम्रानी chalni, or (North-East Tirhut) चालनि chālani, is oven sieve for sifting bran from flour, as in the proverb concerning attravagant man, कीन पुरुषक भेल हैं गाय, चालनि ले दुषावे जाय kon thhak bheláhuñ gāy, chālani lai duhāwe jāy,—of what man have I ome the cow: he has brought a sieve into which to milk me. tin, चालनि दुषस सूप के, जनिका पुष्पर गोट हेंद् chālani tūsal sūp keñ, ka sahasar got chhed,—the sieve, which had a thousand holes, ared at the winnowing-basket, i.e. the pot called the kettle black.
- 605. The चिद्यान chilwan, or in Sāran, Patna, and Gaya चिन्नीं ज nunj or चिन्नीं द chilaund, and in South Munger चिन्नीन chilaun, is a l of sieve used for catching fish, and also (according to Crooke) in North-Western Provinces for straining sugar-cane juice. Other les are चारची ārsi or जङ्ग jangha, both used in South Bhagalpur, the latter in North-East Tirhut and the former in Sāran.
- 606. The ব্যালা chalna is a sieve for cleaning grain. Other names কলো jharna south of the Ganges, মকেনী tarchhi in Champāran gurchalna (North-East Tirhut).
- 607. The चाँगी angi or चाँगिया angiya is a cloth-bottomed sieve for ing fine flour. It is called चाँगी hāngi in Gaya and कपराधूर

kapardhūr optionally north of the Ganges. In Azamgarh, in the North-Western Provinces, चाँची ānghi is a leather sieve with very fine holes.



	Tarāju.	
Chalni.	Supuli.	Angi.
Kolsūp.		Sűp

CHAPTER II.-THE PEDAL FOR HUSKING GRAIN.

- 608. The whole apparatus, and also the movable beam, is called And thenki or (in Shahabad) देवा thenka or देवा theka and (in Saran) देवा thenkul.
- 609. The pillars on which the beam rests are অহা jangha in North and East Bihār, আঁঘা jāngha in Shahabad, and জীঘিয়া janghiya in North-West Tirhut. In Tirhut and the west they are khūnta, in Patna and Gaya ভাষা khunta, and in South Bhagalpur and South Munger ভাষা khutta. In South-West Shahabad they are called আমা khambha.
- 610. The peg in the beam which crushes the rice is the musar to the south and west, and guest musra in Tirhut, Patna, Shahabad, and South Bhagalpur. In Saran another name is usual paharua. In South Munger, Patna, and Gaya it is usual samath or units samauli, and units samaua is the iron ferule round its tip.

- 611. The axle is generally पदीन akhaut or पदीना akhauta, local names being माँचा mānjha in Champāran and North-East Tirhut, बेस्टानी belni in North-West Tirhut, and उपा danda also in North-East Tirhut. In Patna it is रगमी ranki, in South Bhagalpur प्रान्तसार askalāi, and in South-West Shahabad सारा sāra.
- 612. The hollow wooden bed in which the rice is crushed is बोखनी okhri north of the Ganges, or as a local variant बोखन okhar in North-East Tirhut and the north-west. बोबनी okhri and सन्ते bhundo occur also in South Bhagalpur, and जन्मी ukhri in South Munger. In South-West Shahabad it is कॉड़ी kānri, in the rest of the district सिंद्या bhuriya, in Gaya सम्बोखनी bhunki or घुण्डी yhundi. The stick used for stirring the grain while it is being pounded is in Gaya and South Bhagalpur उक्ता thekra.
- 613. The hand-rail which the workman grasps is अख्य astham north of the Ganges and यमन्त्री thamni or अखन्त्रनी algani in South Bhagalpur. It is टॅगन्नी tangni in Patna and South Munger, also अङ्ग्नी arāni in South Munger, and इत्यो hatthi in Gaya. In Shahabad a rope (रस्ती rassi) is used.
- 614. The pedal or place where the worker rests his foot is पौद्र paudar in Patna and Shahabad, पक्षर pachhahar or पणाड़ pachhar in Sāran and Champāran, प्रकृत puchhra in North-East Tirhut, पर्योग pachhaura in South-West Shahabad, पद्या pachhua in South Munger, पुरिया puchhiya in South Bhagalpur, पाँची ponchhi in Gaya, and समस्मा latmara in North-West Tirhut. The pit into which this is depressed is in Gaya नार्योश gorpauri, and in South Bhagalpur निर्मा yatto.
- 615. This implement is practically the same as the lever for breaking bricks, for an illustration of which see § 431.

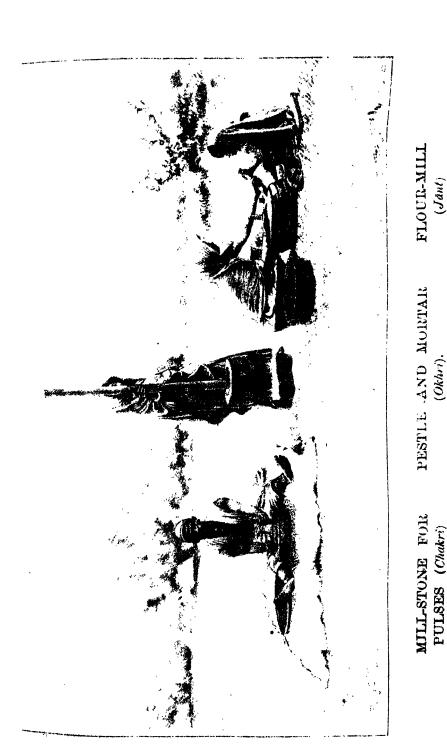
CHAPTER III.—THE PESTLE AND MORTAR USED FOR HUSK-ING GRAIN.

- 616. The mortar is बोबारी okhri generally, local variants being बोबर okhar in North-East Tirhut and Shahabad, बोबारा okhra in South-West Shahabad, and बोबाबी okhli in Gaya. In Patna an optional name is क्रार्थन kurdan, and in Sāran धनाकुडी dhankutti.
- 617. The pestle is THE musar to the west and THE samath to the east. In Patna both words are used.

618. The iron ferule at the bottom of the pestle to prevent it splitting is साम sām, or in Patna, Gaya, and the south-east समीदा samaua, and in Saran optionally समियाँ samiyāñ.

CHAPTER IV.—THE HAND GRINDING-MILL.

- 619. This is known as जाँत jānt, जाँतना jantwa, or जाँसा jānta. This is worked by two women. The smaller kind, used for breaking pulses and worked by one person, is इकरी chakri generally, or इक्षे chakki to the west. North of the Ganges चकुला chakula is a medium-sized one.
- 620. The upper stone is उपन्रीटा upranta, and the lower stone नरीटा tarauta, and also south of the Ganges नजीटा talauta.
- 621. The handle of the large variety is सायह hāthar in South-East Tirhut, and elsewhere स्थारा or स्थारा hathra. In Shahabad it is जूसा jūa. That of the smaller variety is खूँटी khūnti. The axle is किया killa or (in South-East Tirhut) कीस kil; and the feeding channel, सुँच munh generally; also गासी gāli in Shahabad, Gaya, and South Bhagalpur, गमी galli in Sāran and North-East Tirhut, गसीसी galausi in Champāran, साँदस khoũichh or गसियारी galiyāri in North-West Tirhut, गमी gatto in South Bhagalpur, and यहिया ghariya in South-West Tirhut.
- 622. The handful of grain poured into the mill is भौत jhīnk, local variants being भौता jhīnka in Sāran, Patna, and South-East Tirhut, and भौता jhīka in South-East Bihar. In South Bhagalpur it is also वयो lappo.
- 623. The wooden seat on which the woman sits is पीड़ा pirha. A local variant is पीड़ी pirhi or (East) पिड़िया pirhiya. A similar mud seat is वैषानी baisni, or in Champaran वैडन्नी baithni, and in South-East Tirhut वैशन baisan. In South Munger it is वैश्वना baiska, and in South Bhagalpur वैश्वनो baisko.
- 624. To roughen the stone with a chisel is north of the Ganges टाँगन tāngab or ट्रॅगन tūngab to the west and कूटन kūtab to the east. South of the Ganges, to the west, it is कूटन जारन kūtal jāib, and to the east कुटाएन kutāëb or क्टिट्न kūtideb. The man who does this is called जार कुटा jantkutta. He uses a chisel, केनी chheni, and a hammer, यपुना thapua or नवीरी hathāuri.
- 625. The act or profession of grinding corn is पिषान pisān, पिषानक piswan, or in Champaran पिषाना pisna, and in Gaya पिषाद pisān,



PESTLE AND MORTAR (Okha). Lithiby Hem Chunna Ghosal, Student, Goot School of Art Castruits MILL-STONE FOR PULSES (Chakri)

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and its wages पिसार pisāi. A well-known proverb is जारूनी पटाना जोड़ा एक जाँत, jāichhi patna jora ek jānt,—'I go to Patna for a pair of mill-stones,' something like a Newcastle-man going to London to look for coals.

CHAPTER V.—THE GRINDSTONE FOR SPICES.

- 626. This is विकायड silvat or विकीट silaut, and in Saran विकायड silāwat; also in Patna, Gaya, and South-East Tirhut चीच sīl. To the south-east it is also पाटी pāti.
- 627. The stone roller used with it is जोड़ा lorha to the west and जोड़ी lorhi to the east. In Patna another name is बहा batta.

CHAPTER VI.-THE ROLLER FOR MAKING PASTE.

- 628. The rolling-pin is बेखन्ना belna; also बेखन belan in Patna.
- 629. The pasteboard is चौकी chanki to the west and चकन्सा chakla to the east. In South-East Tirbut another name is चकोसा chakola, in Gaya चौकन्स chaukla, and in North-East Tirbut चक chak or चाक chāk.
- 630. The dry flour sprinkled on the board to prevent the paste sticking is परम्बन parthan generally, with local variants परम्बनी parthani to the west and पन्चम palethan in Patna and South Munger. In South-East Tirhut it is optionally called नाइर māra.

SUBDIVISION II.

DOMESTIC FURNITURE.

CHAPTER I.-STOOLS.

- 631. Stools made of bamboo or reeds are मोहा monrha when large, and मॉहिया monrhiya when small.
- 632. When made with a woven twine seat, a wooden framework, and four legs, they are called अधिया machiya. Another name is अवोक्षा machola, current in Champaran.
- 633. When it has three legs, it is called तिपाद tipāi north of the Ganges, and तेपाद tepāi or तेपर tepai south of it. In Shahabad a three-legged stool is called मैंच mench.

- 634. A wooden stool is, according to size, पौदा pirha (large), पौदी pirhi or पिदि pirhi (smaller), and पिदिचा pirhiya (smallest).
- 635. The wooden platform for sitting, sleeping, or bathing is, when large, तखनन्पीय takhatpos, and when small परन्या patra. चौको chauki is used for both large and small kinds.

CHAPTER II.-THE BED AND COT.

- 636. A bed or cot is चाट khāt, खटिया khātiya, or पसङ्ग palang. When an ordinary bed, it is specially called चार-पार chārpāi or चरनार chārpāi or चरनार chārpāi, and when a cot, खटोसा khātola or खटोसी khātoli; also in South. East Tirhut खहुना khātula. Another name is पस्तिया palangiya or पस्तारी palangri in Shahabad and South Munger; another name is समाधा sajea or देनिया sejiya, which is used principally in poetry.
- 637. The pillow is निक्या takiya or तकेया takea, also ग्रेक्य gerua in East Tirhut and चिहानी or चिहानी sirhāni in Tirhut and the west. The bolster is बाजीय bālīs, बिज्ञा balīsta, or (in South-West Shahabad) विज्ञा bilasta. The side bolsters are बगन्सी निक्या bagli takiya, and the heavy thick bolster for resting the back against is मसन्ब masnad or गी निक्या gau takiya. The bed clothes are विज्ञाचीन bichhāon, विज्ञान bichhauna, or गेटन getam. The mattress or its equivalent is नोमक tosak. In Tirhut चौद्याचीन ochhāön or चौद्याचा ochhauna are the bed clothes over the body. A patchwork quilt, &c., worn by the poorer orders is ग्रेड्ड्रा gendra, (also in Champāran and to the east) खेंच्या khendhra, or चोजानी sojni in South Bhagalpur, Patna, and Gaya, खेंच्या khenda or चजानी sujni in Sāran and West Tirhut, खेंद्या lendra in Shahabad, and युद्या gudra or चेवा lewa to the west generally. In South Bhagalpur it is मोचारा bhothra. See also § 731.
- 638. The legs of the bed are पौचा paua, पाचा pāya, or पाना pāwa. The side pieces are पाने pāti or पड़ी patti generally, also पानी pāsī in Tirhut and South Bhagalpur. The end pieces are पूर chūr or पूज chūl. The head of the bed is चिराना sirhāna or चिरानी sirhāni north of the Ganges, also पुरन्यारी murthāri in North Tirhut and चिराना sirma in North-East Tirhut. South of the Ganges it is चिराना sirhāna (Shahabad also चिराना sirhān) or मुख्यारी murthāri, also चिरानां sirwānsi in South Bhagalpur. The foot of the bed is नोरानारी gorthāri or नोरानार्था gorthariya. In Shahabad it is नोर्नार gortār, and in Sāran चुनाचारी gunthāri; also गोजनारी gontāri north of the Ganges generally and in South-West Shahabad, प्राानी pathauni in South-East

पद्माना pathāna in North-East Tirhut. South of the Ganges we find optionally पेताना paitāna in Shahabad and Patna, पोताना pautāna (also in South Munger) or पोद्यानी pothāni in Gaya, and पोद्याना pauthāna in South Munger.

639. The network at the bottom is farras binawat or farra bināi, or in East Tirhut बोराइ ghorāi. In Patna and Gaya it is बीनन binan or fants binaut, in Shahabad fanta binaw, and atta ghoran in South Bhagalpur and South Munger. When this is made of one string, the bed is said to be प्रमानिया chhadhiya; of two strings, दोवधिया dobadhiya; of four strings, चौवधिया chaubadhiya (west); and of six strings, wasver chhabadhiya. In South Bhagalpur the words प्रकारिया ekgotiya. दुगोडिया dugotiya, चर्गोटिया chargotiya, and बगोटिया chhaqotiya are used. In South Munger they are प्रकानोरिया ekjoriya, &c. The strings at the bottom by which the netting can be tightened at pleasure are चौराचन orchan or चौरादवानी ordawāni in Tirhut and the west. In Saran and Patna they are जोर जन orchan or जोदन्वाइन odwain. In the east they are with aranch. Other local names are winder onchan in South-West Shahabad, चोदादन odain in Gaya, चदैन्यादन ardwain to the east, चोदान odan in South Munger, and बाध bādh or गतान gatān in North-East Tirhut. The thick rope at the foot to which the netting is tied is सिधन्यानी sidhwāni in the north-west; also माँची mānhi in Champāran. In South-East Tirhut it is अञ्चलकार ajwāin. In Patna it is मार्च māin, in Gaya मेंचार mear, in South Munger माइन main, and in South Bhagalpur बान ban or मैन main. Elsewhere it is also called चौरन्द्वानी ordawani. The string tied to the side as the netting is being made is a to barua in the north-west and south. In Tirhut and the east generally it is चोका ojha, or in South Bhagalpur also जमीचा jamana. When the netting is finished this string becomes useless, and villagers believe that if it be thrown across the door of a house the members of that house will quarrel amongst themselves. The सोग soy or सोक sok are the large spaces in the netting along the frame of the bed.

CHAPTER III.—THE WEIGHING-SCALES.

640. The large fixed scales are राजन rātal, local variants being रात्र rātul in Shahabad and राउन rātan in North-East Tirhut. In South Bhagalpur they are काँडा kānta, which elsewhere means the small scales. Another name in the same place is समन्तर्ग mankānta. The small scales are सराज्ञ tarāju, local variants being सराज्ये tarjūi

in the north-west, तरञ्जू tarju in East Tirhut and South Munger, and तरञ्जूषा tarjūa in South Bhagalpur. Other names are काँडा kānta and टकोरी takauri in the west and Patna and Gaya, and परिवासी pariyāni in Patna and Gaya, which principally refer to goldsmith's scales. In South Bhagalpur नृज tūl is a weaver's scale for weighing thread or cotton.

- 641. The pans of the scale are प्यत्रा or (in Patna and Gaya) प्रसन्दा palra. In South Bhagalpur they are also called स्वानी dalni or प्या pulla.
- 642. The strings of the scale are called নমী tanni (except in the east), a local variant being নানী tāni in Gaya. In the east they are জানী joti or (in South Munger) জানা jota. In Patna optional names are ছাবী dori and ৰাখা bādha.
- 643. The weights are बटाखरा batkhara or बाट bāt. The make-weight put into one scale to make the balance true is प्रशा pasangha, local variants being (East Tirhut) पाउँच pāsangh and (Patna, Gaya, and South Bhagalpur) पर्वा pasanga. In Patna and Gaya and South Munger it is also called धारा dhāra.
- 644. The beam of the scales is खडी dandi. In the south-east the beam of a jeweller's scale is निमी nitti or निमी nikti. The indicator is सर süï.
- 645. A false balance is नेवस newat or जेवन्सा newta to the west and in Gaya. In East Tirhut it is खेवस lewat, and in Champaran नवन्सा nawta. In South-West Shahabad it is जीवस jiyat or जीता jita, and so also in Gaya and South Munger. In Patna and Gaya it is क्षाना jhukta, and in South Bhagalpur जीती joti.

CHAPTER IV.—NETS.

646. A small fisherman's net is जास jāl or जानी jāli, and a सराजास mahājāl is one of a larger size. North of the Ganges and in Shahabad a कुर्ड kurail is a net fixed in the water with six sticks and worked by one man. In South Bhagalpur it is करें के kharail. A similar net with three sticks is विचारी bisāri north of the Ganges and in South Munger; also विचारी bisri in Champāran, and विचार bisār in Champāran, Gaya, and South-East Tirhut. In North-East Tirhut, however, it is called स्वास्ता khansāri, and in South Bhagalpur विचार chaundha. A casting-net is स्वीस phekail in Patna, Gaya, and Saran, सेप khep to the west, and स्वास्ता जी जास ghumaua jāl in Tirhut and South Munger; also

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in North-East Tirhut start khapiyar. In South Bhagalpur it is फेका pheka. The iron or earthen sink-balls attached to it are बडियन batiwan and बडःबन batwan to the west, and पीड़ी paunri in North-West Tirhut. In South Bhagalpur they are भौडिया bhontiya. A net attached to two poles and worked by two fishermen is sign donri in Patna, Gava. and the west, and sig donr in Champaran. Other fishing-nets are धनेजी ahanaili and पचन्रा pasra to the west, and निर्नित्र girgira, a small variety, used in Gaya and the south-east. In the same district and in Champaran with oka is a bag dragged through the water for catching fish. In Champaran and North-East Tirhut zryl tapi, in Shahabad टाप tāp, and in South Bhagalpur परनी arsi, is a kind of bamboo fish-net, and niss ganj or nish ganji is a horn-shaped basket for catching fish. The man who works the last is called agreeze In this connection may be mentioned a fish-trap used in gajīvāh. Gava called fault chilaund (see, however, § 605). Fish caught in this are kept in a pit, called जापा apa. A kind of pit used for catching fish is called in Gaya use pharka. A net for catching birds is धनी ghani north of the Ganges; also फान phan or फानी phani in Champaran and Tirhut, and witer phanda in Shahabad. South of the Ganges the बहियारी batiyāri is a net used in the daytime, and चानर chātar one used at night for catching birds.

- 647. North of the Ganges the भोजा jhola or भोजी jholi is a net used by cartmen for feeding bullocks. To the west it is भोरी jhori, and elsewhere south of the Ganges जजा jalla. जाना jāla is a net for earrying grass. A local variant is जजा jalla in Sāran and South Munger. In South Bhagalpur it is कपार kapāi.
- 648. To the west (including Patna and Gaya), and in Tirhut, furches sikhar is a net for hanging up pots, &c., in a house. Other names are ভাষা sinka (Patna and Gaya), ভাষা sika (Sāran, Champāran, and the east generally), and ভাষা sik also in North-West and South-East Tirhut. ভাষা khānji in North-East Tirhut is a net for holding fruit.
- 649. The stick or rope for hanging up clothes is अराजेनी argeni in Sāran, Champāran, Patna, and North-East Tirhut, अराजेनी argani in Shahabad and Tirhut, अराजेनी asgani in Tirhut (optionally), Shahabad, Patna, and Gaya, and रेगानी regni in Shahabad. Other names are रंगाना tangna in Patna, Gaya, and South Munger, रंगानी tangni or दीनी dauni in Patna and South Bhagalpur, and जियमा jiyata in

- Shahabad. A frame used for the same purpose is asset thatri to the west and wash chhatri in North-West Tirhut.
- 650. A cord net for carrying goods on the head is succeed jalkhari in West Tirhut and to the north-west, and such jāli in Shahabad, South Munger, and Tirhut. In the south-east it is such jalla.
- 651. The net used by bearers with the sling pole (वर्षेगी bahangi or, in North-East Tirhut, वर्षिमा bahinga) is generally सिकन्दर sikhar, but सोका sika in the south-east, सिका sikka in Gaya, and सीक sik (optionally) in North-West and South-East Tirhut.

CHAPTER V.—THE PAD USED FOR SUPPORTING WATER-POTS &c., ON A WOMAN'S HEAD.

652. This is विशा bittha, वीटा bitha, or बीटो bitho to the west and in West Tirhut. In Patna, Gaya, and the south-east it is नेटो netho or नेहचा nethua. Another name is गॅड्डा genrua to the west and in Gaya and South Munger, गॅड्डो genruli in Patna and Gaya, and गॅड्डो genruri in Tirhut. Another name (only noted north of the Ganges) is विद्या binriya in Champāran, विद्यो binrri (a small kind) in Sāran, बेडिंग binro in East Tirhut, and विद्या binrua in Tirhut generally; yet another name is उत्तरी lajuri in South-West Shahabad.

CHAPTER VI.-THE STICK.

- Other names are six laur (north of the Ganges) or wist lāur to the west, and uses satka north of the Ganges. The butt end of this is use hūra north of the Ganges and in Patna, user hurra in Shahabad and the south-east, user huttha in Gaya, and niver goa in South Munger optionally.
- 654. चाँचा sonta or चाँचा sota is a stout short stick. It is also called चाँचा danta, and in Champāran चाँचा datauka. A thin stick is चाँची chhari, and to the west, including Patna and Gaya, नोजी पुल्ला. Other names are चांचन chhākan in Champāran and North-West Tirhut and चांची chhākni in South Bhagalpur. A thick walking-stick is चाँच dāng, and also, to the west, जांच thenghuni. This last is also called डाँगी thegunri in Champāran and West Tirhut, डाँच theng or चांची thenguni in Shahabad, and डांचा thenga in the south-west of the

same district. In South Bhagalpur it is उँगन्नी thengni, and elsewhere हैं ती thengi. चेपाची besākhi is a crutch. In Shahabad परन्कन patkan is a walking-stick. A piece of split bamboo used as a stick is फ्रा phattha, फ्रा phatthi, or फराटी pharāthi. It is also called चेप-फ्रा bansphatta or चेप-फ्रा bansphenta in Patna and Gaya, and बनी batti in the south-east. A heavy stick is बाँग bong, or to the north-west बनर बाँग bajar bong.

655. The following Hindi lines in praise of the stick are very popular in Shahabad, a district famous for its club-men:—

काठी ऐसी चीज है सदा राखिये सङ्गः।
भदी नार खगाच जस्न तदाँ बचाची खड़ा ॥
तदाँ बचाची खड़ा अपट कुत्ती की नार।
दुरजन दावागीर उस की मसक आर॥
कद्य गिरधर अबि राय किख भेजिये पाती।
कतर िये तरवार दाय में सिये साठि॥

Lāthi aisi chīj hai sada rākhiye sang, Nadi nār agāh jal tahān bachāo ang. Tahān bachāo ang jhapat kutto ko mār, Durjan dāwāgīr us ko masak jhār. Kah Girdhar kabi rāy tikh bhejiye pāti, Kamar liye tarwār, hāth men liye lāthi.

A stick is the kind of thing you should always have with you:
If the water in a river is too deep, you can save yourself by it.
You can also at once save yourself by hitting dogs with it.
And if you meet a wicked enemy you can dust (lit. trans.) his head with it.

Saith Girdhar, the prince of poets, write a letter
Telling him to wear a sword in his belt, but to carry a club in his
hand.

CHAPTER VII.-BOXES.

656. North of the Ganges पत्त sanukh or (in Sāran and South Munger) पद्ध sandukh is an ordinary box. South of the Ganges it is पद्ध sanduk, and in Patna and Shahabad पद्ध sanuk. A small box is कार्नीर kantor or पाक्स bākas (box). South of the Ganges it is पद्धानी sandukchi or पद्धानी sanukchi, the latter chiefly in Shahabad and the extreme east. पौता pauta or पौती pauti, or (in South

- Bhagalpur) पाँको paunti, is a little box made of bamboo slips, and कोना mona (Champāran) or काँको maunni are similar ones made of straw or of bamboo slips.
- 657. पेटाइन petārha or पेटादी petārhi, and also south of the Ganges पेटादा petāra or पेटादी petāri, is a light travelling box or basket for clothes, &c., carried by a man on a sling bamboo, as in the proverb याक्स बद्द में पेटाद भारी thākal barad keñ petār bhāri,—for a tired bullock even a basket is too heavy. Other names are प्राप्ती sakhāri in South-East Tirhut and भाषी jhāmpi south of the Ganges and in Champāran. The sling bamboo is called बद्दी bahangi, or in North-East Tirhut बद्दिशा bahinga; also प्राप्ता suila in Champāran and North-West Tirhut, and ध्यापटा sikpatai in East Tirhut.
- 658. The sefer dibiya is a small box for jewelry or other valuables. In Patna and Gaya it is seen dibba, and in Saran also sequential.
- 659. The चुनोटी chunauti is a box for carrying the lime (चून chūn or चुजा chunna) used with betel. In Champāran and North-West Tirhut it is called चुन-चा chunha.
- 660. The box in two parts for holding betel, &c., is पमन्तद्दा panbatta or बेस्ट्या belahra. Local names are पनीडी panauti (Shahabad), पमन्तद्दी panbatti (Champāran and South-East Tirhut), बेस्ट्या belahri (Patna and Gaya), and विरुद्धा birhara (Champāran and East Tirhut).
- 661. The box in which the चवन्द्रन abtan, or cosmetic which is rubbed on the bride at a wedding, is kept is चोनी doki in Shahabad, and चोनिया sogila or समन्योगिया sansogila in the south-east. Elsewhere it is मासा māla, &c. See below.
- 662. The box used by women for carrying red lead is विभोत sindhora when large, and कीया kiya when small. The box in which they carry the vermilion which they put on the parting of their hair is रंग-रीटी ingrauti or विशोदी kiyauri. It is also चिंगोदी hingori in North-East Tirhut and उपन्ती sapri in South-East Tirhut.
- 663. A नावा māla, नवाचा malwa, or मचिया maliya is a box for holding oil. It is also called नवाची malsi in North-East Tirhut, नेवाच्या telhanda in Patna and Gaya, and नेवाचीका telbhānra in Shahabad.

CHAPTER VIII.—METAL VESSELS USED IN COOKING AND ORDINARY DOMESTIC PURPOSES.

664. The vessels ordinarily used by Hindus are as follow:--

तसःसा tasla or तसःस्वा taslawa, made of brass (पौतर pitar), a round vessel used for boiling rice. About two sers of rice can be cooked in it.*

- 665. तरान्द्री tasli, a similar vessel of smaller size. In Shahabad it is called नौसी tauli.
- 666. বহুৰা batua or ৰছ battu, a vessel made of alloy (জুল phūl, ব্যান্ত kaskut, or (Gaya) খবিষ bharith). This is used for cooking rice, and about a ser of rice can be cooked in it. It is comparatively higher and narrower than the ব্যাহার.
- 667. बट-सोची batlohi or (north of the Ganges) बद्दसी batuli, a smaller similar vessel, used for cooking pulse or meat.
- 668. पतिसी patili of copper (साँबा tāmba) or alloy. It has a narrow flat mouth, and is used for boiling meat.
- 669. चढा handa, चाँदा hāmrha (Patna and the south-east), खरन्खडा kharkhanda (Gaya), or खँखन्दा khankhrahra (Champāran and North Tirhut), is a very large copper vessel for boiling rice. When used by mendicants (फकीर phakīr) it is called by them टोकन्ना tokna.
- 670. तामी tāmi or तिमया tamiya is south of the Ganges a large brass vessel, broad at the bottom, for cooking pulse at marriages, &c.
- 671. This (to the north-west and in Gaya) is a large iron pan capable of boiling as much as twenty sers of rice.
- 672. बराजुबा barguna. This (in North-West Bihar) is a small brass vessel with an erect rim for boiling rice, pulse, &c.
- 673. कराही karāhi or कड़ाही karāhi, and to the east and in Champaran जोडिया lohiya, an iron or brass broad shallow pan with handles (करा or कड़ा kara), generally used for cooking vegetables.
- *About this vessel there is a story. Once upon a time all the people of Bhojpur, in Shahabad, were robbers. When a traveller passed through one of these villages, they used to seize his cooking-pot, saying "वर्षा वोर को मोर tasla tor ki mor,"—"Is the pot mine or yours?" If the traveller replied "मोर mor," "mine," they would set upon him and beat him and rob him of the vessel by force. If he said "वोर tor," "yours," they used, on his own admission, to take it from him and let him go peaceably. Thus, in any way, they plundered him. Hence the saying वर्षा वोर की मोर tasla tor ki mor has passed into a proverb, of which the application is easy to see.

- 674. बराज्या bahguna, an iron or brass cooking-pot with straight edges and a handle.
 - 675. तमाचेड़ी tamheri, a round copper vessel.
- 676. तवा tawa, तावा tāwa, or (Patna and Gaya) नाइ tāi, an iron griddle plate.
- 677. कटोरा katöra to the south and north-east, कचोरा kachora in Sāran and Champāran, जुना dubbha in Sāran and Champāran, जाटी bāti in Tirhut, and मॅरिवाटी menhibāti in South-East Tirhut, is a vessel used for eating from, with a projection at the bottom on which it stands.
- 678. The तस्तरी tastari (north of the Ganges and in Gaya, Patna, and South Munger), विश्वकी chhipuli to the east and in Patna, जान jām in Patna, Gaya, and the south-east, and कमन्तरी kastari in Shahabad, is like the कहोरा katora, except that it is flat-bottomed, and has no stand.
- 679. In the south-east the भरःका jharka is a deep pan for eating; the कथन पूरी kanchan pūri, a shallow one; and the चगरेस agrail, one with the edges straight and short.
- 680. The चारी thari or चरिया thariya, also चीपा chhipa, and (in Patna and Gaya) खोरी khori, is a flat pan from which food is eaten. The मर्जीया चारी malangiya thari has straight sides, and the मिरण्जापुरी mirjapuri has curved ones.
- 681. परास parat, a large flat pan like the पारी thari, except that its sides curve gradually up to the top.
- 682. टाँटी thānthi or टाँटी tānthi is a dish like the भारी thāri, but made of bell-metal (काँस kānsa).
- 683. To dabbu, a brass or iron spoon, of which the bowl is deep and broad, principally used at marriages.
- 684. वजन्तुस kalchhul or करानुस karchhul is a spoon. कलाना kalchha in South-West Shahabad means an iron spoon, and कलानी kalchhi in Sāran, Patna, and Gaya a brass or iron one.
- 685. North of the Ganges and in Shahabad water chhanauta or water jharna, and in Patna, Gaya, and the south water jhanjhra, is a cullender or iron sieve with a handle. In North-West Tirhut it is also called water sanauta, and in North-East Tirhut with jhanjh.
- 686. पौना pauna or (South-East Tirhut) पौनिया pauniya is an iron cullender or straining-ladle.

- 687. The with lota is used for drawing water and drinking.
- 688. The new gerus or the hathhar north of the Ganges, Patna, Gaya, and Shahabad, also the sobarns in North-East Tirhut, and the jhāri in Champāran, Patna, Gaya, and to the south-east, is a kind of lots with a spout (tri). It is generally made of a white alloy (tri phūl). The true feet mādhab singhi (North-East Tirhut) is a kind of drinking-vessel invented by Mādhab Singh, a former Mahārāj of Durbhanga. It is shaped like a globe surmounted by a funnel. The globe has a spout, and the whole stands on spedestal.
- 689. तमस्या tamha north of the Ganges, and भारते jhāri south of it, is a similar vessel made of red alloy (क्याक्ट kaskut). Both the last two are used for drinking.
- 690. चनःसोरा abkhora or चनःसोरा amkhora is a drinking-vessel, the sides of which are broader towards the mouth, and it is provided with a stand (गोड़िया goriya) at the bottom. It is also called खोरा khora. In Gaya हुना dubbha is a large cup, and in South Bhagalpur सोटःकी lotki.
- 691. There gilas (glass), similar to the last except that the sides are straight or only slightly curved. It sometimes has no stand, and is flat-bottomed. It is, in fact, modelled closely on the lines of a European peg-tumbler, but is of metal.
- 692. बहा batta (Patna, Gaya, and North-East Tirhut), a kind of large metal cup. बाटी bāti is a small one.
- 693. गगर्ग gagra, or (in Champāran and Tirhut) तसन्वेस tamghail or तसन्वेस tamghaila, (in Gaya) बसन्ते basni, and (in Champāran, Patna, and to the south-east) कसन्ते kalsi,—a copper or brass vessel used for drawing water from a well.
- 694. डोस dol or क्रूंड kūnr, an iron vessel for drawing water from a well.
- 695. बाँचरा lonhra or बाँचरी lonhri, a small iron pan. In the south-west also used for drawing water from a well, like दोस dol. North of the Ganges it is also called बोदिया lohiya.
- 696. चाँद chhonrh or महका matuka, a copper or brass vessel for storing water in.
- 697. The सराकी surāhi or कोराकी sorāhi is used for keeping water. कहाना jaldhari (North-East Tirhut) is a water pot.

- 698. चवन्ताचा aphtaba or चवन्ताचा aphtaya, a water-ewer used for washing.
- 699. चिस्तिनची chilimchi north of the Ganges, चित्रिकाची chiliphchi in North-West Tirhut, चित्रसम्बी chilamchi south of the Ganges, and चित्रकाची silaphchi amongst Muhammadans, used for washing.
- 700. धरन्पोस sarpos, दक्षन्ता dhakna, or दपन्ता dhapna, a cover for other vessels.
- 701. मिल्या maliya or (Gaya) मिल्या malhiya, a small cup for holding oil. Sometimes it is made of wood.
- 702. होयड diyat or होयड diwat or चिरकाहाम chirakdan (north of the Ganges), बरदाबन baradwan (Gaya), and चिरागादाम chiragdan (Shahabad and South Munger), is a lamp-stand. In North-East Tirhut it is दोषडि diathi, and in South Bhagalpur दिपारा dipra or दिपहारा dipahra.
- 703. विमन्दा chimta or विजंदा siuntha, also वृंदा chunta, a pair of small tongs used for arranging the fire or turning over cakes on the griddle.
- 704. चंद्रकी sanrsi, or (to the east) बावन्सी bāwli, or in South-East Tirhut बगुसी baguli, tongs used for removing the pot (बद्दसी batuli, &c.), from the fire.
- 705. बोरना khorna or बोरनी khorni, also चराइ surāi (North-West Tirhut). उटक्क utkan (Patna, Gaya, and South Munger), एक-डा ektha (Champāran), and जोपन lopan (East Tirhut), is an iron or wooden poker. पिष्टक्स pihkar (Shahabad) is a wooden poker.
- 706. रमाम जिला imām jista or (to the south-west) चावन इसा hāwan dasta, or (South-West Shahabad) निमन्द्रश्वा nimdasta, or (South Bhagalpur) चमाम दिसा hamām dista,—a pestle and mortar for grinding spices, &c.
- 707. पिक-दान piikdān or पिकदानी pikdāni, also to the west and south जगल-दान ugaldān, (in Patna and Gaya) optionally विरामित्री chirmichchi, and (in South Bhagalpur) पिरा-दान piriydān, a spittoon. To the east and in Patna it is also पिरिक-दान pirikdān.
 - 708. पनन्दान pandan or पनन्दा panbatta,—for keeping betel.
- 709. डेवर lewa, or in Patna and Shahabad केवन lewan, and in the south-west of the district देव leo, is ashes plastered on the cooking-pot to save it from fire.

- 710. The handful of straw, &c., used for cleaning metal vessels is द्वा lunra or सुखा lunda. In South-East Tirhut it is optionally ब्रा nūnra. In South Bhagalpur it is न्या nūro, and in South Munger तथा nunda.
 - 711. Musalmans generally use the following vessels:-

पतीसा patila, a large copper vessel for cooking rice.

. पतीकी patili, देगन्दी deychi, or डेगन्दी deychi, a similar vessel smaller in size.

देश deg or डेग deg, a somewhat larger pet for boiling.

वधन्ता badhna, the same as the Hindu लोटा lota, but with a spout.

बधनी badhni, a similar vessel of smaller size.

कटोरा katora, similar to the Hindu vessel, but made of copper.

पियासी piyāli, a cup.

पियासा piyāla, similar to the last, but larger.

रिकामी rikābi, a saucer.

तवाक tabāk, जिसा jibbha in Champāran, or तवाख tabākh south of the Ganges, a broad flat washing-vessel.

चिमन्डा chimta, &c., the same as used by Hindus.

सरव्योस sarpos, दकना dhakna, or दएना dhapna, cover for other vessels.

चिसिम-ची chilimchi, &c., the same as for Hindus.

चफनावा aphtāba, the same as for Hindus.

नसत tasat or (when smaller) तसन्तरी tastari, a broad flat dish.

सेनी seni or (in South-East Tirhut) धैन sain, a broad shallow tray.

गगरा gagra, &c., as for Hindus.

सगन layan, a large vessel for storing water.

कराची karāhi, &c., the same as for Hindus:

भराना jharna, सनीडा chhanauta, &c., as for Hindus.

पनन्दश panbatta, &c., as for Hindus. The असुनन्दान husundān or (Gaya) कुना kutta or कुनी kutti is similar, and contains additional compartments for lime.

THE thasdan, for keeping pan or betel, with a cover.

The विद्यानको khilbatti is used for keeping ready rolled up hetel leaves, with the nut and lime inside ready for use (विद्यो khilli).

पिक-दान pikdan, &c., as for Hindus.

चोराची sorahi, &c., as for Hindus.

Lamp-stands, viz., फतीख चोज phatil soj, and in Saran also पटीख मोज patil soj, of brass; चिरागन्दाम chirāgdān, of wood; दीवड diwat, &c. (see Hindu articles) of iron; and बदन्वाम badwān, of bamboo slips.

नावा tāwa, &c., as for Hindus.

दक्त पनाच dast panāh or दस पना das pana, tongs.

सिंख-चा sinkhcha or सीख sikh; also north of the Ganges गज gaj, a spit.

طع dabbu, as amongst Hindus.

CHAPTER IX.-EARTHEN VESSELS.

- 712. The number of these is very large, and varies in each district. The following list does not profess to be exhaustive. It is in alphabetical order.
- 713. When a new earthen vessel is taken into use, it must first be used by a member of the family and not by one of the servants of the house; otherwise it is considered impure. This is considered as a dedication of the article to family use. To dedicate an article thus is using urāhab, or in South Bhagalpur urhāb, and in Saran urāble urāblo or saras anwāsal.

East Tirbut it is made of brass. In North-

one used (in Gaya) for holding water, washing clothes, and roasting poppy-flower cakes.

च्यान्यर adhkar (east), a vessel used in distilling.

चन-बोरा abkhora, a drinking-vessel.

कॅटिया kantiya or कटिया katiya, a little vessel with a long neck. Cows are milked into it.

कत्ती katti (Patna, Gaya, and Saran), or गत्ती gatti (Shahabad), a round potsherd used by boys in playing.

कपन्टी kapti, a kind of cup.

and karai (South Munger), a water-vessel with a spout.

also (North-West Tirhut) used for holding curds.

करावा karwa (West Bihār and South Bhagalpur), a water-vessel with a spout.

करिया karahiya, for boiling milk = कराडी karāhi.

कराडी karāhi (north of Ganges) an earthen pan in which clarified butter (खू ghyu) is cooked or milk boiled.

कसन्ता kalsa, कसन्ती kalsi = a घेला ghaila, especially when ornamented with lime and colours at weddings, &c.

क्यान्तरा kastara (south-east), a saucer for holding curds.

कसन्तरी kastari (south-east) = तसन्तरी tastari, q.v.

कूड़ kūnr (west and Patna), a large vessel for holding grain and food.

कूड़ा kūnra (north of Ganges), an earthen vessel in which sweetmeats or balls of rice mixed with sugar (कसार kasār) are given to daughters when going to their father-in-law's house. In South Bhagalpur it is कुखा kunda.

कुदिया kurhiya (South Bhagalpur), a small vessel for milk.

कुष्टा kunda (Champāran, Shahabad, and South Bhagalpur), a large flat jar. See also क्रा kūnra.

कोश koha or पतुकी patuki, a small round wide-mouthed vessel for curds, or for cooking. कोश्यि kohiya (Gaya) is a smaller variety.

खपन्डा khapra, tiles.

earthen griddle for making bread or parching grain. When used for parching grain it is made by breaking off the top of a चेना ghaila, but that used as a griddle is specially made by the potter. In South. Bhagalpur it is also called चित्र्या chariya.

बपन्दों khaprauri (Gaya and West Tirhut), a pot for removing the afterbirth, &c., when a child is born.

चनःचौ khalchi (Shahabad), a little platter.

खापरि khāpari. See खपन्ही khapri.

चावा khāwa (South Munger), an earthen cooking-vessel.

what khikhi (Tirhut), a vessel for holding oil.

un khum (Patna), a large flat jar.

round earthen vessel used by saltpetre-makers (नोनिया noniya) for holding the mother liquor; also (to the east and in Gaya) a large jar used for various purposes.

गगन्ती gagri, a vessel used for drawing water.

् गभी gatti,—see कभी katti.

गमन्ता gamla, a flower-pot.

गुरुक्ती gurki, a drinking-vessel, especially for drinking spirits.

घड़ा ghara,—see चैसा ghaila.

चरिल gharil,—see चेला ghaila.

মবিষা ghariya (Shahabad), a drinking-vessel.

सुची ghuchchi (Sāran), a little dish with a narrow neck.

चुरिकी ghurili, a little vessel with a narrow neck.

घेला ghaila, घेली ghaili, घड़ा ghara, or घरिस gharil, a vessel for holding or drawing water. (See वसन्ती basni, डावा dāba.)

पही chatti (Patna and Gaya), an earthen cooking-dish.

चित्रया chariya,—see खपन्ही khapri.

বৰ্ষ charua, বৰ্ম charui (south of Ganges), a vessel for holding grain or for cooking = বৰ্ষা cherua.

বিকাৰী খাঁকী chikni hānri, a vessel for cooking vegetables, pulse, &c. After using it for several months it becomes polished and durable owing to the oil and butter cooked in it.

चिराक chirāk (South Tirhut and the west), चिराम chirāg, a lamp-saucer.

विसम chilam, the bowl of a pipe.

मुकादी chukri (south-east), a drinking-vessel.

चकनी chukni (Gaya), a small earthen jar.

चुक्क, चुक्कर chukkar, a vessel with straight sides and a very short neck, used for drinking.

सुद्धा chukka, a drinking-vessel.

cooking-dish or for holding grain = way charua.

भेपी chaumpi (Patna and Gaya), an earthen vessel in which milk is boiled.

water chhanan (Tirhut, Patna, and Gaya), a vessel with cloth at the top for straining toddy.

chhonrh (to the west), a large earthen jar.

नेंदी chhonrhi (north-west), a vessel for keeping water or grain.

जासा jāla, a water-jar.

water. jhajjhar, a croft for keeping water.

marel jhabhi, an earthen vessel into which cows are milked.

भारी jhāri, a vessel with a long spout.

टरिया tariya (Champaran and the east), a small oil-pot.

टाइ tār, टाइन tāra (Gaya), an oil-pot. A smaller variety is टाइने tāri.

हरँया tuñiya, a drinking-vessel.

হুৰা tūān, হুই tuīn (Patna and Gaya and South Munger), a drinking-vessel with a spout.

देखारा tehra (Gaya and South Bhagalpur), a kind of pot for milk.

टॉरिया tontiya, a tile used as a water-spout at the eave of a house.

डिजिया thiliya, a vessel used for drawing water.

डबन्दी dabri,—see डिबन्दी dibri.

डावा dāba, a vessel used for drawing water smaller than a वसन्ती basni and a चेसा yhaila. In South-East Tirhut, used for boiling milk.

डिवन्सी dibri, and also in Shahabad डवन्सी dabri, same as सगाइक sanhak, but smaller.

दकःना dhakna or (east) डाकनि dhākani, a cover for other vessels. दकःनी dhakni is a smaller one.

दिसन्ता dhimka (South Bhagalpur), a saucer used as a covering for other vessels.

नरकही tarkatti, the vessel in which palm-juice (नाड़ी $t\bar{a}ri$) is collected at the foot of the tree.

तवाक tabāk (Patna and Gaya), a little platter (generally of iron).

नवन्तरी tastari, a saucer used by Muhammadans. When made of brass, also used by Hindus. Cf. क्यन्तरी kastari.

नार tâi (south of Ganges and Champāran), a griddle for making bread; a kind of shallow pan, with an edge for lifting it up by.

नेस-बाँदी telhanri,, तेस-देखा telhanda, a vessel for holding oil.

नेदार telāy, an earthen vessel for cooking oil or clarified butter धू (ghyu).

नौजा taula (north of Ganges, Gaya, and the south-east), a large earthen dish for cooking.

चपन्ते thapri (Patna and East Tirhut), a vessel for measuring milk. चास thal, a platter.

इयन्त्रम dabkan (Gaya), a saucer used as a cover for other vessels. इयात dawāt, an ink-stand.

इचेंड़ी dahenri or (Patna and Shahabad) इचाड़ी dahri, for holding tyre (इडी dahi).

दियरी diyari (north of the Ganges and south-west), दियारी diyāri (North-East Tirhut), a very small lamp-saucer.

दिखरी diuri or दिखली diuli, a very small lamp-saucer.

दीप dip, a lamp-sauser.

दीया diya, a lamp-saucer.

दोरी diri (south-east and Gaya), a very small lamp-saucer.

देग deg, a cauldron.

नदिया nadiya, for keeping tyre (दशी dahi).

नदोद nadoi (Gaya), an earthen cooking-vessel.

नरिया nariya, a kind of tile (खपण्ड़ा khapra).

ৰাহ $n\bar{a}d$ or (east) ৰাহ $l\bar{a}d$, a large earthen basin or bowl used as a feeding-trough and for other purposes.

पतिचा patila (Sāran, Patna, and South Munger) or पतीचा patila (Sāran and Gaya), an earthen cooking-vessel.

पत्रको patuki (west), a small round wide-mouthed vessel for keeping tyre or for cooking.

पनन्तरा panchora (south of Ganges), a vessel used in distilling.

परन्त parchha (West Tirhut), a large jar for water.

Test parai (South-West Shahabad), a saucer used as a cover for other vessels.

परिया pariya (Patna), a saucer used as a cover for other vessels.

विद्या pitaua (Patna), a small earthen pan.

पियासा piyāla, पेंचासा peāla, a drinking-cup.

phuchchi (South-East Tirhut), a vessel for measuring milk.

with phuri (South Bihar), a saucer used by Musalmans in feasts of the brotherhood.

aver-vessel with a spout.

Tirhut), a drinking-vessel.

वसन्ती basni, a vessel for holding or drawing water, smaller than a देखा ghaila and larger than a दावा dābu.

वरना bahna (Patna and South Munger), a large flat jar.

विचार bithār (Patna), a large dish.

भभन्का bhabhka, a vessel used in distilling.

भवका bharuka or भवकी bharuki, a drinking-vessel.

भाँड़ा bhānra or भाँड़ bhānr, a vessel with a neck for milk or clarified butter (धूर ghyu).

स्र-का bhurka, स्रान्की bhurki (in Tirhut), a drinking-cup.

भोजदरी bhojahri (south-east), an earthen dish used by Musalmans at marriages.

सँग-रा mangra, the tiles along the ridge of a roof.

सटन्का matka, and also (south of the Ganges and in Champāran) सहका matuka, an earthen vessel for holding water or grain.

महका matuka = मटःका matka, q.r.

सरःतवान martabān, सरःतवान martawān (south of Ganges), सिरःतवान mirtawān (north of Ganges), an earthen vessel with a wide mouth ornamented with lac (जार lāh).

महान्या malwa (West Tirhut, Shahabad, and South Munger) or मिल्ला maliya (North-West, West Tirhut, Patna, and South Bhagalpur), a vessel for holding oil. It is equally often of wood or metal.

माँड mant (Gaya), a large flat jar.

मिर्न्तवान mirtawān = मर्न्तवान martawān, q.v.

मिटिया mitiya or मेंटिया metiya, a round vessel with a short neck for water.

मेंडिया metiya = मिटिया mitiya.

मेडा meta (South Bhagalpur and to the west) = मिडिया mitiya.

मेटी meti (South Bhagalpur), for holding tyre.

सौन maun, a vessel for holding date-juice.

सन्दरका ramkarwa (South-East Tirhut and Champaran), a drinking-vessel.

रकेवी rakebi = रेकावी rekābi, q.v.

रमन्त्रका ramchukka (Patna and Gaya), a drinking-vessel.

TITE $r\ddot{a}is$ (East Tirhut), a little vessel with a narrow neck, used for holding milk and similar purposes.

रिकामी rikābi, a saucer.

रिकेबी rikebi = रेकाबी rekābi, q v.

रकामी rekābi or (Patna and Shahabad) रक्केमी rakebi, or (southeast) रिकेमी rikebi, a saucer.

स्वरना labna (Putna and Champāran), a water-pot in the shape of an ellipsoid.

स्वरमी labni, the vessel in the shape of an ellipsoid, in which palm-juice (ताड़ी tāri) is collected from the trees.

बाद lad = नाद nad, q.v.

चनको sanki (South Bhagalpur and Gaya), a saucer used by Musalmans.

समाचक sanhak, समाचकी sınhaki, a broad flat dish used by Musalmāns for eating boiled rice.

सरको sarbi (South Bhagalpur), a cup for distributing pulse, &c., from the cooking-pot. Used at marriages.

सुराष्ट्री surāhi,—see चोराष्ट्री sorāhi.

Farel sephāli (Patna, Gaya, and Shahabad), a flat earthen dish.

serha, a vessel for drinking spirits.

भोराची sorāhi (north of Ganges) or दराची surāhi (south of) it), a water-vessel with a long narrow neck.

चॅिया hanriya, diminutive of चर्दी hanri, q.v.

चंद्रीका hanrola, diminutive of चाँद्री hānri, q.v.

स्थीना hathauna, a vessel for collecting date-juice, larger than a सबद्दी labni, used when the juice (ताड़ी tāri) flows freely.

बाँदी hānri or चेंदिया hanriya (small) or चेंदोबा hanrola (small), a vessel for cooking or holding milk, tyre, &c.

CHAPTER X.-WOODEN VESSELS.

- 714. The कड़ीन kathaut or कड़ीनी kathauti is a large wooden dish for kneading flour. It is also called कड़ा kathra south of the Ganges and to the west, नगाड़ी tagāri in Tirhut and Champāran. डगाउन dagra in Champāran and Gaya is a large flat dish made of wood. The प्रान्दी uldi in the west, कड़ा kathuli in Shahabad and South-East Tirhut, कड़ा katholi in North-East and South-West Tirhut, and कड़ा kathli or पहिचा arhiya in Shahabad, is a small wooden dish for scraps. In Patna, Gaya, and the south-east it is पैसा paila.
- 715. The वसन्कोल kaskaul (Patna), किला kista (Gaya and the south-east), and कवण्डल kamwandal (generally), is a wooden cup carried by mendicants. In the north-west नरियरी nariyari is an oval one. तूमा tuma, तुमा tumma, or तुम्बा tumba, is the mendicant's gourd.
- 716. चंबन्ती seuti or (North-East Tirhut) चौथी sauthi is a wooden platter used by sailors.
- 717. ভोकनी dokni (Saran and Champaran) and दकना dhakna (North Tirhut) are small wooden dishes.
- 718. The ভাই doi or (south of the Ganges) ভাষা doa, or (South-West Shahabad) ভাষা doki or (south-east) ভাষয় doüü, is a wooden ladle used by Muhammadans in cooking pulse. The corresponding word amongst Hindus is, in North-East Tirhut, হাৰি dābi, and in Champāran হাৰা dāba. ঘটনা ghatna in Gaya is a machine for stirring pottage as it is being cooked.

CHAPTER XI.-LEATHER VESSELS.

719. South of the Ganges the मसन्य malwa is used for holding oil. In Champaran it is पश्चिम maliya. कुषा kuppa or कुषो kuppi is for holding oil or clarified butter ह्यू yhyn). नदोद nadoi is used in Gaya for the same purpose. In North-East Tirhut घोकः दा dhokra is a sack used for the same purpose, as in the proverb गूड़क चोट धोकः पुंच साम yūrak chot dhokreū punu jān,—it's only the vessel that knows the pain (or weight) of the molasses, i.e., only he who suffers, knows the pain. नेहा gelha is a similar smaller vessel.

नेव्हा gelha or (in South-East Tirhut) चमन्द्री chamri is also a vessel for carrying molasses.

720. कोड mot or सोडि moti is the large leather bucket for drawing water from a well. डोल dol is the smaller one. समझ masak is the leather water-skin borne by water-carriers. इसी कुणा dasti kuppa is the small leather bag used by torch-bearers (समासन्धी masālchi) for carrying oil.

CHAPTER XII.-LEAF-PLATTERS.

721. The दोना dona is a small round leaf-platter. In Patna, Gaya, and the north-west it is also called खोना khona, and in Shahabad बदोना khadona. The पत्तक pattal is a broader and flatter kind, and is also used as a kind of basket at Hindu marriages when a number of guests are to be fed. It is also called पत्तारी patra in Shahabad, पत्ता patta in South Bhagalpur, and पतारीरी patrauri or पत्रमारा panmāra in Champāran and North-West Tirhut.

CHAPTER XIII.-STANDS FOR VESSELS.

722. These are made of mud or brick, and known as विराधि ghirsirhi in the north-west, east, and Patna, विविद्ये ghisiri in Săran, विराधि ghirsindi in Patna and Gaya, विराधि ghirsir in Patna and Shahabad, and विराधि ghirsandi in South Munger. Other names are विद्यापरी ghailsāri in South-East Tirhut, विद्यापरी ghalsāri in South Bhagalpur, विवाद ghalthari in North-West Tirhut, विद्यापरी gharaunchi (South-West Shahabad), and वीतन्स chautra or वोटा ota (Champāran).

SUBDIVISION III.

CLOTHES AND ORNAMENTS, &c.

CHAPTER I.-CLOTHES.

723. The general terms are क्षान्स kapra, चीर chir, and जूना / йवुता. The last has local variants, जूना nûga (South-East Tirhut) and जुना lugea, जुना nunga, or जूना nûnga south of the Ganges. Other names, current principally to the west, are प्राची pahrāwa, जूना bastar, or



A Bihar Fashion Plate

CLUTHES WEEN.
Kanjhappa, dokar. dheet.
Maretha, nimastin, kaledar. nr 1981.

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मगरहा सत्ता kapra latta. A suit of clothes is called पाँची दूस जगरहा pāncho tūk kapra, and consists of a turban, loin-cloth, jacket, sheet, and bathing-cloth.

724. Amongst men's clothes are-

The turban.—पाग pāg, पीगया pagiya, पागड़ी or पागडी pagri is a piece of cloth woven for the purpose. The inner portion of the made-up turban (बून के पगड़ी būt ke pagri) worn by the more respectable people is called फेंटा phenta. मुरेडा muretha is a piece of ordinary cloth, or even a garment, such as the गमड़ा jamehha, चहर chaddur, or होपदा dopatta, worn round the head. चीरा chira is a checked turban. A piece of cloth wound under the chin and over the head is डाउा dhātha; also गचीधी galaudhi in Patna and East Tirhut, गसन्मोद्या galmochha in Tirhut and to the east and (optionally) south of the Ganges, and गस्डिजन galjin in North-West Tirhut and Gaya.

- 725. The cap is टोपी topi or बाजी tākhi. The round cap covering the ears worn by Brāhmans is मुख्य munda in Sāran and North Tirhut, बासीबाह kāsīwāl in South Tirhut, बाज tāj in North-East Tirhut, Patna, and the west, and बमन्नी babhnau in Shahabad and South-East Tirhut. होपिंद्या dopaliya is a long cap made of two pieces, and the चर-पिंद्या charpaliya or चीनोशिया chaugoshiya is round and made of four pieces. The कन-दोप kantop, कन-काषा kanjhappa (both of these also to the west and in Patna), and कान-दार टोपी kāndār topi (all north of the Ganges), is a piece of cloth worn loose over the head. South of the Ganges it is कुक्ही kulhi or कन-काषा kanjhappo (Patna and South Munger), कन-काषी kanjhappi (Grya), and कन-कोषा kanjhopa (South Bhagalpur). कुक्हिया kulhiya in Gaya is a boy's cap. घोँचा ghongha in Gaya is a wide umbrella-shaped hat of tāl leaves, worn in rainy weather.
- 726. The loin-cloth.—This is घोती dhoti. North of the Ganges and in Shahabad it is also called सर्दानी mardāni, and in Shahabad, Patna, and Gaya लाजी lungi. The small loin-cloth is जागेटा langota or जागेटी langoti; also in Patna जागेट langot. Other names are कोपिन kopin, in Champaran कोपीन kopīn, and in the south-east नंगेट nangot or नंगोटा nangota. जागा kappa (east) is a small cloth worn round the waist by the poor. The जगरना bhagwa, or in Saran जागे bhagai and North-East Tirbut जीपा dhariya, is a small dhoti principally* worn by

All treet always worn by boys. Compare the proverb चीरक सन-दा उपरो

boys. The विश्वन्दी bisti, or in Gaya विद्युदी bichhuti, is the scrap worn by poor boys. The small tight cloth worn by wrestlers, and also the usual cloth tightened up to allow of free play of the limbs in violent exercise, is any kachha or any kachchha. Other names are charna (Champāran, Patna, Gaya, and the east), चिड chit (Patna), चमासी samāli (Gaya and the south-west), भरःकण or भड़-कण bharkachh* (North-East Tirhut), and warate bharkachh (South-East Tirhut) तक्रमह tahmad, or in Shahabad सक्रमह tahband, and in Champaran तक्षी tahi, is a loin-cloth worn by Musalman mendicants (fakirs). The tag of the loin-cloth tucked in behind is fugur pichhua or ugur pachhua to the west. To the east it is can dhenka or can dhenkua. The loose end which hangs down in front is खूँड khunt, साँची sanchi (North Tirhut), and grapuchehh (South-East Tirhut). In South Bhagalpur it is कोंची konchi. The knot in the loin-cloth for holding money, &c.. is फॉड phānr, फॉडा phānra, or फखा phanda. They are also called चंट chent or zz tent towards the west, and ve pench in North-West Tirhut. Other local names are पहिला harira (North-East Tirhut), ऐडारा airha or well murhi (both South-East Tirhut).

- 727. The drawers.—These are पेजाना paijāma, also south of the Ganges रजार ijār and चिन्नड khiskat (apparently a corruption of the Persian khiskatak). In South Bhagalpur they are also called तमान tamān, and in North-West Tirhut स्राचाम surwāl (a corruption of the Persian and in North-West Tirhut स्राचाम surwāl (a corruption of the Persian). According to the Kānūni Islām, the ijār and surwāl are not so wide as the paijāma. Tight drawers are मुद्दित churidār, also मुम्म chust to the west and in South Bhagalpur. If loose at the ankles, they are मोम्बिटार mohridār; also मुम्मेदार kaltedār in Patna and to the west, म्यानाम barkābar in Gaya, and प्रमेदार painchedār elsewhere. If loose, with pieces lot in along the thigh, they are मिन्दार kalidār. जिन्ना janghiya are tight-fitting short drawers, such as those worn by wrestlers.
- 728. The jacket.—This is भिरम्बर mirjai and also खुटिया चाँगरन्ता khutiya angarkha.
- 729. The coat.—This is an anga, and angarkha, or angarkha. Those worn by Hindus open on the right breast, and those by Musalmans on the left. It is tied at the neck by a string, and

^{*} Compare Manbodh's Haribans, which is a Maithil poem. जनमा तव विश् भग्नम स्वर्त kadamak taru charhi bharkachh māri,—(Krishna) mounted the kadam-tree and tightened his loin-cloth.

- ghundi or मुंडी ghūnri, and also to the east and south सुद्धी bhundi or सूड़ी bhūnri, and in South Bhagalpur सुद्धी bhundo, which runs in a hem, तुकामा tukma, or (in Patna and Gaya) गाडी gāli. The अवन्त्रन achkan is a long loose coat buttoning right down the front. The कावा kāba or (south of the Ganges) कवा kaba is an outer coat open at the chest and sleeves. The जिमासीन nimāstīn (also called नीमा nimā south of the Ganges) is a jacket the sleeves of which reach only to the elbows, while the सद्दा shaluka and सद्दी sadari leave the arms bare.
- 730. The sheet.—This is चहर chaddar or चार्र chādar. This is of various kinds, viz. the रोचर dohar is a doubled sheet hemmed all round. The गिलेफ gileph, चलना salga, or बोल khol, is similar, but is not hemmed all round, and is generally made of coarse cloth (मोटिया motiya). The various ekpatta or various chlāi is a sheet made of one breadth of cloth. उत्तार derhpatta or उत्तार derhpatti is a sheet whose whole breadth is made up by sewing together two cloths, of which the breadth of one is half that of the other. The दोपन्य dopta or दोपरा dopatta is a sheet whose breadth is made up by sewing together two cloths of equal breadth. उत्तारी utri to the east is an outer garment. To the west it is used (a) for the string tied round a corpse's neck, and (b) for the mourning garments worn for ten days by the artal karta, or person who lights the funeral pyre.
- 731. The stuffed quilt.—These have various names, according to the amount of cotton-wool in them, viz. लेहाफ lehāph (five or six sers); रजार rajāi, नेहाली nehāli, or (South Bhagalpur) केहाली lehāli, all of which hold from one to three sers; and the दोलार dolāi, चौरक sirak, or (in South Bhagalpur) तुरार turāi or चौरग sīray, which contain less than half a seer. The stuffing of the quilt is अरन्ना bharna or (to the south) भराव bharāw or भराना bharāna. Bits of old cotton padding in a quilt are चन्ना anga north of the Ganges. A similar quilt made of patchwork is युरुरा gudra or युरुरी gudri. When made of rags it is खेंचरा khendhra; also optionally in Tirhut, Patna, Gaya, and the east गॅरूरा gendra, and in Shahabad चेंदरा lendra or चेंदरा ledra. See also § 637.
- 732. The long coat worn by well-to-do people is with āba. The kind of court dress consisting principally of flounced petticoats is जमा
- 783. The bathing-cloth, worn round the loins while bathing and used for drying the body afterwards, is named differently by Hindus

and Musalmans. The former call it अंगोबा angauchha or गमाइ gamchha, a local variant being अंगोबा angauchha to the west. f smaller kind, or handkerchief, is अंगोबी angauchhi, गमाकी gamchhi बाकी sāphi, तौनी tauni (East Tirhut), or तिबनी tiuni (North-Wes Tirhut). The Muhammadans call the bathing-cloth खुकी lungi of बूँगी lungi. The बज़रिया hajuriya is a similar bathing-cloth worn by Hindu mendicants (बरागी bairāgi).

- 734. The purse.—This is देखा thaila, यही thaili, यह battu, यहचा batua, or बहुई batui. The भोरा jhora is a larger bag. In Gaya and to the west it is also घोषी ghoghi or घोकारी dhokri. The बगुझी baguli or तिस्त्राची tildāni is a tailor's housewife. स्रोद्धर lokhar is the case in which a barber carries his razors, &c. The last is also called विस्त्राच kishat north of the Ganges and विस्त्राच kishat south of it. The moneybelt is डॉ इा donra or डॉ इन्डा donrha.
- 735. The shoes.—These are जोड़ा jora, जूना jūta (or जुना jutta), जूनी juti, or पन्ही panahi. जेरन्यार jerpāi, खरन्या kharpa, or (southeast) चटन्या chatka, are usually the shoes worn by women. The wooden bathing-patten with a peg to go between the toes is खड़ाचाँ kharāon, खड़ाजन kharāin, or ज्हाँच kharānw (also to the east खरान kharām or खराजीन kharāoni) or चपन्टा chapta, and the clog held on the feet with strings or straps is जाया bādha or चराजा badha. In Sāran and South-West Shahabad खनारी latri are old shoes.
- 736. The Brahmanical cord is कोच janew, जाने janew, or (to the south-east) काने जा janeüa. The knots in the cord are परवर parwar or परवस parwal. In Tirhut and South Bhagalpur they are also परवस parbal. The स्ता विचा sūt sikha is the projecting part beyond the knot. The length of the cord is measured by handbreadths (चीचा chaua). A Brāhman's cord is 96 handbreadths long, and so also a Rajpūt's, but the knots are different.
- 737. The blanket.—This is कबार kammar, कबाड kammal, or कमन्दा kamra. In South-West Shahabad it is also राज ral. A small blanket is कमन्दी kamri or कमरिया kamariya. In Champaran and the south-east क्ष्म dhūs or पुद्धा dhussa is a thick kind of blanket. प्रकार pachhatthi is a large blanket five cubits long, and का chhahattha or का chhahatthi is six cubits long. को बी ghogi is a peculiar way of tying a blanket over the head to save the wearer from rain. In South-West Shahabad it is also called चौंची ghonghi, and in Patna and North-East Tirhut कि bukki. The blanket forms the subject of many proverbs: thus को बीजे

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ला क्यार भारि jyon bhije, tyon kammar bhāri,—the more a blanket is allowed to secome moist, the heavier it gets, i.e., delays are dangerous.

- 738. A patch on the clothes is पेवन pewan, local variants being पेवन pewand south of the Ganges and पौना pauna in South-West Shahabad. It is also called पाटी pāti or परिया patiya to the east. Another name is चेकनी chephri in North-East Tirhut.
- 739. When cloth is doubled, the outer piece is अवन्य abra or (in South Bhagalpur) पद्मा palla, and the lining अवर astar or (in Champaran and North Tirhut) नहीं tahi.

740. Among women's clothes are-

The sheet. - This is with or with sari generally, with a variant सरिया sariya to the east. To the west and in Patna and Gaya it is also called विश्वचा khilua. It is also called जूगा luga, with, in East Tirhut. a variant, नुजा nuga. In South Bhagalpur it is called वरन्द्रत्यी barhatthi (when 12 cubits long), and in South Munger खाँड़ी khānri or खखा khanda. An old torn sheet is लगारी lugri, as in the proverb नई घोनिनियाँ चाहिल. लुग-रिये साबुन खादिल nai dhobiniyan oili lugriye sabun laili,—the new washerwoman has come and applied soap even when washing rags, i.e., a new broom sweeps clean. A proverb of similar import is नया नोकर खरन्गीस पकड़नारे, naya nokar khargos pakartāre,—a new servant will catch a hare, or, as they say in Ireland, a sharp fellow won't let a hare eatch him. The smaller sheet worn by poorer women is जनानी भोती janāni dhoti or लगन्दी lugri. Over the बाड़ी sāri is worn another sheet, called चद्र chaddar or चाद्र chādar, or (in Gaya and South Munger) पिकौरा pichhaura. This may be दोपन्टा dopta or दोपडा dopatta, as in the case of a man's sheet. The small sheet worn by little girls is uccessor parkhanda to the west and in South Bhagalpur and Gaya बरन्की barki in Patna and the south-west. It is फल्चिंग phaliya in Saran and North-West Tirhut, and ganti in South Bhagalpur, and फरिया phariya in South-West Shahabad. We also find खेरकी kheruki or खरकी kharuki, खरका kheruka or खरका kharuka, north of the Ganges, and प्रतन्ती putli in South Tirhut, Patna, and South Munger.

741. The hem of the sheet is generally चाँचर ānchar, and also चाँचरा anchra or चांचरा achra. This is also the part which covers the bosom. The first of these words is the nominative, and the others are more properly used with postpositions. Thus दे चाँचर वह नीमन वा i ānchar bar nīman bā,—this border is very beautiful; but चांचरा में वाच्ह

achra men banh delin,-I tied it up in the hem of my garment. The end of the sheet gathered up and tied in front is wasta phuphuti. क्रमनी phuphuni, or फ्रक्रनी phuphundi to the west, and बीचा koncha or कोंची konchi to the east. The pocket in front formed by loosening the part tied round the waist is with khoinchha, and in the extreme south-east खोएसा khoechha or खोंचा khonchha, as in the proverb बुड्ब्ब कनेषाँ के नी जाना खोरंका burbak kaneān ken nau ana khoinchhu,—it's a fool of a bride that only gets nine anas in her pocket (for wedding presents). The loose fold on the left side is गोभानीटा gojhnauta. In the south-west it is fuelt pichhaura. When a woman is modest and meets a strange man, she draws her sheet or veil (see below) before her face. This action is called ales ghoghat, or in Gaya स्था ghuggha, in South Bhagalpur घोषो ghogho, and to the northwest वृष ghūgh or घोष ghogh; and when a woman wishes to be extra modest, she pulls a great deal over her face. She is then called ve घोषड bar ghoghat.*

- 742. चसःदार chasdār is a dyed cloth with a double-hemmed border worn by women in Shahabad. In the same district महाइ masārhu is a dyed cloth used by females of the lower orders, and जिस्माकी jhimki is a cloth printed with flower patterns. जन्देश kakreju is a purple, and पानू sālu a red cloth, much used everywhere.
- 743. The petticoat.—This is generally चँचना lanhga. A looser kind is चँचना ghanghra in Gaya and to the east, घड्डन ghanghar in the south-east, and घँचर ghānghar in Shahabad. The घँचनी ghanghri is a girl's petticoat. काचा kāchha is a mode of tying it under the leg. The waist-band through which the string is run is नेपा nepha, and the string itself is द्वार बन्द ijār band, or in the case of a bride or bridegroom काचा nāra. The hem is also called काचनीड kamartor.
- 744. The bodice.—This, if it reaches to the waist, is कुरन्ता kurta, भूजा jhūla, or in North-East Tirhut करनि kasani. If it is short, only covering the breasts, it is अंशिया angiya or चोको choli. A similar short bodice, worn chiefly by prostitutes, is called करूप mahram. This last in North-East Tirhut is called चोको choli.
- 745. The ueil or cloth worn over the head is चोइन्नी orhni. When a veil or a sheet (चाइर chādar) has a dyed border, it is called चुनन्ती

^{*} As in Manbodh's Haribans, where the wife of Akrūr, although very modest, still wanted to look at Krishna when he came into the house, वर्ष घोषट पुत तकती वार्ष्ट्र के ar ghoghat punu takalo chāhia.

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chunri or चुँडारी chundri, and also in Sāran किसाबी jhimki. The border is called in North-East Tirhut पाढ़ि pārhi or पहिचा parhiya.

- 746. The drawers are पैजामा paijāma or (in North-West Tirhut) धरावास surwal.
- Toilet requisites.—The antimony put on the edges of the lower 747. evelids is struct surma, and the lampblack applied to the eveball is areas kājar, as in the proverb डाँच गुन काजर, कुडाँच गुन कारिख thāmw gun kājar. kuthāmw gun kārikh,—in the right place it is collyrium, and in the wrong place, soot. Lampblack is kept in a box called antitat kajrauta or and the kajrauti. The coarser red lead put on the forehead and on the parting of the hair is मुद्द sendur or सूत्र senur. The finer kind placed between the eyebrows is trat ingur. The silver spots put on the forehead are called transl tikuli, and the round silver spot between the eyebrows is विन्दी bindi. The small silver or gold spots surrounding this are, in North-East Tirhut, धनी beni or बेनिया beniya. comb is कक- हा kakha, कक- ही kakhi, or कॅग ही kangahi. It is also अक-वा kakua in Patna, Gaya, and South Bhagalpur. The खिखान इन्नी likhqahni is a kind of comb used in Gaya. The hair-brush is डकररी or थकरी thakri. To the east भूरन्ती jharni is a kind of brush made of the stem of a cocoanut leaf. A tooth-brush is इतुष्त datuan. It is made by biting one end of a sprig of wood till the fibres form a brush. Hindus use a fresh one every day, but Musalmans keep theirs for a fortnight at a time.
 - 748. Washing of clothes.—See §§ 389 and ff.

In making clothes, the following terms are used by the tailor or sufficient during:—

पद्धा pasāj is running, तुरम्पर turpaī hemming or felling, जरमा urma is top-sewing, सङ्ग langur tacking or basting, and जून chān gathering. बिखा bakhiya or बखेबा bakhea is stitching, चाँपा बिख्या chāmpa bakhiya is long stitching, and डोरी हे के बिख्या dori de ke bakhiya stitching-in piping-cord. जना jawa is a long stitch and a short stitch alternately, and बाँटा फोड़ी पिख्या kānta phori pakhiya is a kind of stitching for which there is no English name. सस्वत्तान सोही sultān lorhi is a mantua-maker's hem, सांरकी sārji is herring-boning, and जासी jāli a kind of herring-boning for joining two cloths but not bringing their edges together. राज daraj is a run-and-felled seam. When it is narrow, it is called गोस gol; when wide, राज प्रांची imalpatti; and when very wide, चीरा chaura. There are false hems of various kinds. When

the edges of the two pieces meet evenly, it is called **val** patti; when the edge of the added piece extends beyond the edge of the main piece, the false hem is called, if it is narrow, **narral** magji, which properly means the overlapping portion. If it is wide, it is called **valu** sanjāph. When the overlapping portion is very wide, the false hem is called **valu** takhnavāla sanjāph, or in Shahabad **valu** takhnavāla sanjāph. **valu** lakhnavāla sanjāph. **valu** button-hole stitch, and **valu** eyelet-holing.

749. विश्वपादा silahra is a kind of embroidery. Two thicknesses of muslin are sewn together. The under one has holes cut out in it which are embroidered, and are visible through the upper one. It is used as an ornamental border. विश्व bel is similar to विश्वपादा silahra, except that patterns of various leaves, &c., and not holes, are cut in the lower muslin. विश्वपादा singhāra is an embroidered scolloped or vandyked edge. चोदारी sorāhi is a piece of calico cut into an ornamental shape and appliquéd on to the shoulder of a coat. अवन्य सुद्धा ulta mundha is binding an armhole with piping-cord. क्या kantha is a rounded collar sewn in front of the coat. A sleeve is said to be मुद्धार churidār when it is gored to fit tight at the wrist. A gore is चोर ghor. There is no Bihāri equivalent for "dart," "pleat," or "tuck."

CHAPTER II. - CARPETS AND MATS.

- 750. A floor-cloth is कालीन kālin south of the Ganges, north of the Ganges आजिम jājim, or (to the west) फरच pharas. A carpet is द्री dari, or when larger सत्तरको satranji. A गर्चेचा galaicha or गर्चोचा galācha is a thread mat. चर्ची chatti in South Bhagalpur is a canvass mat, and चाली chāli in Gaya is a coarse kind of mat made of bamboo slips tied together.
- 751. चटाइ chatāi or चटेनी chataini is a mat made of various reeds or bamboo slips. A गोनन्दी gonri or गोर्डिंगी gondri is made of the gond reed. In Patna, Gaya, and the south-west चन्न saph is a long gond mat used when a number of people are assembled at a marriage, &c. In the north-west it is चारा dhārha, in South-East Tirhut चटान chatān, and in North-West Tirhut चटान barhattha. A नदाय tarāy to the east is made of palm leaves, and a नदी tarāi in Champaran of reeds. चिन्नाचाडी sitalpāti is a fine mat for sleeping on in the hot weather. When a number of Musalmans say prayers together on one carpet, it is called चानियाचा jānimāj, or in South Munger चानियाचा jāynemāj; and when on a mat, it is called चानियाचा jāynemāj.

CHAPTER III.- JEWELRY.

752. The following are some of the varieties of jewelry commonly worn:—

.a.-Worn by Men and Boys.

- 753. On the ears.— बाजी bāli or (in Shahabad) बारी bāri. This is a ring. Also the कवीची kanausi (Patna and Gaya, where it is worn by Hindus only). Other ear pendents are मोती moti, गोखुजा yokhula (and to the west also गोरन्सुज yorkhul) (an ornamented ring), कुष्डल kundal (a large ring), जोर lor (worn principally by Goālās), and कन-वाजा kanbāla. चीना some is a plain ear pendent, and चनी anti is a plain stud fixed in the lobe of the ear. फिरन्की phirki is a double gold ring.
- 754. On the arms.—The बॉक bānk and चौकन्टा chauktha are worn on the right upper arm. So also the विजाद bijāwath or विजोटा bijautha, which is, however, more properly a female ornament. The चनन anant and नावीज tāwij are various kinds of amulets.
- 755. On the neck.—The माजा mala is the bead necklace. The उद्दार udrāchh is one made of the seeds of the उद्रार rudrāchh (Eleocarpus ganitrus). The कण kantha is a necklace with gold and silver ornaments or sacred relics attached to it. The मंगन्या mungwa is a coral (मृंग mūnga) necklace, and the मोचर माजा mohar māla or मोचन माजा mohan māla is a long necklace of gold mohars and coral. The गोप gop is made of twisted gold wire, and it is also called चुनन्यो ghunsi in Champāran, North Tirhut, and South Munger. The चिक्नरी sikri is a long chain going round the neck.
- 756. On the fingers.—This is अँगुडी anguthi, एँड्डा ainthua (Gaya), or बींडी aunthi. The गोर्ड धनारी gorakh dhanhāri or गोर्ड धंगरी gorakh dhandhāri is a puzzle-ring which takes to pieces and is difficult to put together again. मुंदरी mundri is a ring worn on the right little finger. गोड gol (Shahabad) and फेंग्डा pherua (Patna and Gaya) are kinds of rings.
- 757. On the wrist.—These are बाला bāla or (Patna and Gaya) बिला balea, पडेंची pahunchi, and also (south of the Ganges) पडेंचरी pahunchāri, बड़ा kara (south of the Ganges), बेरा bera in Gaya and to the west, जिया jigga in Sāran, महिया mathiya in South Bhagalpur, and नोड़ा tora in South-West Tirhut. These are worn principally by boys. नेनी tainti is a kind of amulet in South Munger, Gaya, and Shahabad.

- 758. On the waist.—The chain hung round the waist is बरम्बन kardhan or कर्म्बनी kardhani; also इरम्बरा harhara in the east. A kind of belt is चौनग्रा, and of this चाना jāwa or जनारी jawāri, चैगन्दा langra and जरे jai, are portions of the clasp.
- 759. On the ankles.—A boy's anklet is गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, or कड़ा kara. South of the Ganges we also meet गोड्रडा gorha, बुँद्द ghunghur, or बुँद्द ghunghru (fitted with bells, used also in Tirhut), and चोराची chaurāsi (when it carries 84 beads).
 - 760. On the toes.— अंगुटा angutha is a toe-ring.

b.-Worn by Women.

- 761. Ornaments for the head.—The ornamented hair-pin is viel chonti.
- 762. Ornaments for the forehead.—The सँगारीका mangitka or बनानी banni is an ornament tied in the centre of the forehead by three strings, one passing round each side and the other over the top of the head. They are fastened in the hair. Of this the ornament is called चीकारा chauktha, and the strings चिकारी sikri. The spangles or wafers gummed on to the forehead are रिकुक्ती tikuli. Another name in South-West Tirhut is चिचामूल sisphūl or चाँद chānd. In Shahabad चिटा satiya is a wafer made of embossed paper and gummed on the forehead.
- 763. Nose-ornaments.—The nose-stude fastened on to the outside of one nostril is दूची chhuchchhi, in South Bhagalpur नकः चरा nakchanda, and in Patna and to the south-west जीन laung. It is not an easy thing to steal, hence the proverb करावे से सेवर सोरावे से प्रेयर सोरावे से स्थानिक किया lai saiyad chorāwai lai chhuchchhi,—by name he is a saiyad, but he can steal even a nose-stud. The ring passing through the outside side of the nostril is नय nath. A smaller kind is निर्मा nathiya, and that worn by girls नम्नी nathuni. The समक bulāk or क्या besar is a ring hung from the centre cartilage of the nose, and the सुनानी jhulni is a similar one worn by women of the Rauniyār caste. It swings backwards and forwards, and is ornamented with beads.*

^{*} Nose-ornaments are peculiar to females. If a mother loses a first-born son she endeavours to persuade the demon who kills children that any future boys born are only girls, and hence not worth killing. To do this, she often makes the boy wear nose-ornaments, and calls him by some nickname, as Bulāki (wearer of a nose-ring), &c. There are other similar customs, such as giving opprobrious names to such sons who are born after the death of a first born, which it would take too much space to mention here.

- 764. Ear-ornaments.—Ear-stude fastened to the lobe of the ear are करन-पूज karanphul or कन-पूज kanphul and खोटाजा khotla, or in East Tirhut खुटन्डा khutla or खुडी khutti, to the north-west खुटन्डी khutli, and in Gaya and Shahabad खुटिसा khutila. The कवेंसी kanaili is a stud worn on the cartilage just where it leaves the head under the hair. Rings worn in the lobe of the ear are are bali, and those worn in the upper part of the cartilage satisfication. Broad plates worn across the ear are पान pat, पत्ता patta, and नरकी tarki. A smaller kind worn in Gaya is called गोलन्य golwa. Amongst pendents are the भूमक jhumak or भुसक jhummak, which has two round pendents, and the नित्तम-नित्तिचा jhimjhimiya, which are flat The सक्रिया machhariya is a pendent shaped like a pendents. fish. In South Munger it is called सकलिया machhaliya. The जोर lor and कनौची kanausi form a set of ear-ornaments. The first are round plates with a square cut out of the inside, forming a kind of ring with a square inside. One of these is hung in the lobe of each The latter is a ring. One is hung in the upper part of the cartilage of the right ear, and two in the upper part of the cartilage of the left ear. When a hole bored in the ear for an ornament is not in use, it may be filled up with a plug, called son thek. When the ornaments worn are too heavy for the ear to carry without tearing, a chain is fastened round the ear so as to support the heavier ornaments. This is called femal sikri. Other ornaments for the ear are als bir (Tirhut), कॉप kāmp, and खुविन्या khubiya in the south-east, and विकास bijli in Patna and Gaya.
- 765. Neck-ornaments.—The चदर दार chandar hār is a long chain. A नार्वाच tāwij is a similar one with an amulet attached. A set of three chains of various lengths is तंद्वारी telri, and also to the north-west तिल्हारी tilri, of five chains प्राची pachlari, and of seven chains प्राची satlari. The चिकारी sikri is a long chain, and the बढ़ी baddhi is a long chain crossing the chest and going behind round the body. इनेल humel is a necklace fitted with bells. Bosses tied to the throat are प्राचा करों champa kali, जान्त jugnu, and हो इन्हां चीकी dholna chauki. The last is principally worn by the bride at a marriage, and is the first ornament put on before the marriage ceremony. The चुनी hansuli is the solid necklet open in front which goes round the neck, and the नवक tawak is similar with pendents in front (worn by Musalmans). चुनि sūti in North-East Tirhut is a kind of neck-ring.

galsatka, गराइवाकी gardawāni, and गरानी garsi, are various neekornaments used in Gaya. Other neck-ornaments are विकास (SouthEast Tirhut), करेसर katesar (Champāran, Patna, and South
Bhagalpur) or करासर katesar (Tirhut and South Bhagalpur), and
कॅसिया khambhiya (South Bhagalpur). कार hār or परावा harwa is
the general term for a necklace, and मोनी मासा moti māla is a pearl
necklace, or one made with beads of the shape of pearls. स्वारी
labri and परावन darpan are two ornaments worn on the breast in
Gaya and South Bhagalpur. A रेकस haikal, or in Champāran
रेखक hailak, is a long necklace composed of flat pieces, generally
nine in number. When a man marries a second wife, an ornament
is made representing the first wife, which the second wife wears.
On the first occasion on which the second wife applies vermilion to
her hair, she first puts some on the ornament before applying it to
herself. This ornament is called चारिक sautin, or in South Munger

- 766. On the clothes.—सनोरी manori are ornaments on the voil (सारी sări), and जॅनरी anchri on the hem of the sheet.
- 767. Arm-ornaments.—The following are worn by all classes. Highest up on the arm is the बाजू bāju, or बाजू बन्द bāju band, which is a wide armlet. Below it the femine bijawath, femine bijāeth, or fasisī bijautha, which are five ornaments strung together; below that the farred birkhi, which is smaller. Another name is बिरंडी birenti. Below this comes the बाँक bānk, made of one piece. It is worn by Hindu women on the right arm, but by Musalmans on both. Lowest down comes the agust babhunta, or to the west agust bahunta, of five pieces and round. Arm-ornaments worn principally by Hindu women are जनम anant and डार tar or टरिया tariya. Similar to the last is also another ornament called बड्डा bahutta. विकरी sikri is a chain worn on the upper part of the arm. अविया jhabiya is a kind of inverted cup hanging from the arm, and to which bells (ৰখনৰা bachwa) are attached; and খুখী ghundi little ball pendents hanging from the ৰাজু bāju or from an খাৰল anant. মুনী mundhi is a clasp. Tel barekhi in South-West Shahabad is an arm-ornament worn by women of the Goala caste. Arm-ornaments worn principally by Musalman women are,—on the upper arm, जीवन jausan, पान pat (a flat piece tied on), and awar bajulla, or in Saran fauft bijuli (worn immediately below the बाजू bāju); and on the forearm जीनमा naunaga or (in North-East Tirhut) जनन्य nabgrah of (nine stones). An

rnament worn on the back between the shoulders is called by Hindus पान pān or पनःवा panwa, and by Musalmans वजनःदार balamtār.

- 768. Wrist-ornaments are कॅकना kankna, कॅकनी kankni, or कॅमना cangna, or in Champāran ककना kakna, कचना kachra (Gaya and the outh-east), कतन्या katwa (Gaya and the south-east), कतन्या katwa (Gaya and the south-east), किमना katri, कॅचीडी cansauthi (Gaya and the south-east), किमना khasiya, गोलन्या golwa Gaya and the south-east), क्रिटी chūri (bangles), क्रम chhan or क्रिटी chānd, जरे jai, जिन्मा jigga, टोड़ा tōra, तिनन्या tinkhandi, तिनन्या innaga, तिसिथीटा tisiauta (Gaya and the south-east), मसुरी naghuri or विभिन्न ते nigihri, or (in Gaya and the south-east) समुरी laghuri, पमल्या achkhandi, पमला pachhela or पम्लिया pachheliya, पटन्दी patri, पटन्या atwa, पमला pahunchi, चॅस्री banguri, वक्ष्या barhara, or in Gaya वक्ष्य arhar, and in Champāran वेक्सा belahra, बाला bāla, बाँचू bānhu, चेरा क्रमिया baunkha (Gaya) (made of thread), मिट्या mathiya, वपीडी upauthi (Gaya and the south-east), and समुरी laghuri (see नमुरी aghuri). The समन्दिन्य samseband is a keeper worn on the wrist to revent the चूर chūr falling off.
- 769. On the fingers.—A ring is अँगुडी anguthi. A round solid ing is एका chhalla. Other names are भौडी aunthi and एँड्या ainthua. The गोरख धन्दारी gorakh dhanhāri, &c., is the same as that worn by ien; so also the गोस gol and फेरबा pherua. Other rings are उनम्बलिया tinchhaliya, बदम्सीकी bahloli, अँगुसाना angustāna, भारमी ārsi which has a small mirror attached), मुँदग्री mundri, स्रोभेच्या lobherua south-east), दरम्याबादी daryābādi (ib.), पयन्रीटी pathrauti (ib.), चिरोनिया tiraugiya (ib.), अँगुसान ankhua (South Bhagalpur), सथानी mathāni South-East Tirhut), बदासी badāmi (Tirhut), पोर por (ib.).
- 770. On the waist.—Waist-chains and bands are करन्धनी kardhani, भरन्कस kamarkas, भन्ना jhabba or भाविया jhabiya, गठौरा gathaura, चाँवरा mwara, कोचन्नन kochban, कसरन्जेन kamarjeb, सीपी sipi, जाफन्री japhri. he कोधन्ती kothli is a kind of pocket tied to the waist.
- 771. On the feet.—The ornament fitting on the aukle and covering ad fitting on to the upper part of the foot is पाँच जेन pānw jeb. Like it e पान्ट pāwat, पेरी pairi, and पाँच सकर pānw sankar. Over this comes is करून charra or करा chhara, a number of fine rings like the पूरी vāri on the arm; over this again the करा kara; and at the top the t chūr. The पेंगानी painjni are anklets with bells; so also किंकिन inkini and पूच्च ghughuru or पूच्च ghunghuru in Gaya and North-East irhut.

772. On the toes—are wight angutha and wan chhalla, which are rings. An ornament fitting over all the toes is factor bichhiya. In Gaya and the south-east age? baturi is a toe-ring to which bells are fastened.

SUBDIVISION IV.

APPLIANCES USED IN WORSHIP.

- 773. The appliances of a Hindu temple are as follows:—The witers āsni is a sort of mat made of kus grass, wool, &c., for sitting on.
- 774. A spoon for throwing water on the lingam is known as आंचनमंद्री āchmani; also अवन्मनी achmani in South-West Shahabad, अवीना anchauna in Gaya, अवीनी anchauni in Sāran, and कसन्त्री kalchhi in South Tirhut.
- 775. The जनगत्तर jalpātar is a vessel in which water is kept, and a smaller kind is पंच-पातर panchpātar. The जान्या argha is the saucer made of stone or metal in which the stone representing the lingam is placed. The पाँदी pinri or पिंची pindi is the platform on which the lingam is placed. Other names are जार sarāi (optional) in South-East Tirhut, जोरा chaura in South-West Shahabad, and जार jakhār in the rest of that district.
- 776. चव्हा ghanta or बड़ी ghari, also south of the Ganges चव्छ ghant, are gongs or bells, and the विकायक bijghant is a kind of gong with erect edges. चव्हा ghanta specially means a bell; जान jhānjh (amail) or काल jhāl (large) are the cymbals. यह sankh is the conch.
- 777. The idol is ब्रास murat, also सुरन्ती murti in South Bhardpur, and पाराधन pārkhat optionally in South-East Tirhut. Its is चिंगासन singāsan or (in Patna and Gaya) चिंगासन singhāsan.
- 778. चोरन्स horsa, or in the south-east अरम्स harsa, round stone for grinding sandal-wood (ज्ञान chandan). Anoth is चंदन्तिहा chandrauta. The vessel in which the ground sand is placed is करोरी katori.
- 779. The censer is north of the Ganges भूपन्दान की Patna and Shahabad भूपन्दानी dhupdani, in Gaya भूपन्दानी and in the south-east भूपेड़ी dhuperi.
- 780. The दिपन्दान dipdan, दिपन्दानों dipdani, is the holding only one lamp or wick. One with four or प्रिकृतिकार called चारानी drti.

- 781. The द्वार नी sumirni north of the Ganges and द्वार नी sumarni south of it is the rosary of nineteen beads. In Champāran and Gaya it is also द्वार sumer. माजा māla, or in Sāran and Tirhut करनाचा karmāla, is a similar rosary of one hundred and eight beads. द्वार नी sumarni, &c., are also used for the large bead at the end of a माजा māla. A जायनाचा jāpmāla is a large rosary containing as many as a thousand beads. The प्रदोक्ती ashtotri or प्रतिकारी athotri is a rosary which is kept in a small bag called भोरा jhora. Into this bag the worshipper puts his hand and turns the beads. The प्रदाद rudrāchh is a rosary used by worshippers of Shiva, as in the proverb नायक कर मुंगरी, प्रक कर प्रतिकार bāpak gare mungri, pūtak gare rudrāchh,—the father has a club on his neck, and the son a rosary, i.e., the father is a scoundrel and the son a devotee.
- 782. The सुसा tūma, तुसा tumma, or तुमा tumba is the hollow gourd carried by religious mendicants (साधू sādhu or जोती jogi). It is also called कठारी kathāri or सागर sāgar in Saran and Tirhut. The तुमःहो tumri is a small gourd. The कमस्य kamandal is a similar vessel used for drawing water in a temple. A उत्त समस्य dand kamandal is a similar vessel made of metal (brass, copper, gold, &c.)

DIVISION III.

SOILS.

CHAPTER I.—CLASSIFICATION OF SOILS.

- 783. Soils may be classified—
 - (a) According to their distance from the village site.
 - (b) According to their constituent elements.
 - (c) According to the crops for which they are prepared, or which they usually produce.

CHAPTER II.—SOILS CLASSIFIED ACCORDING TO THEIR DISTANCE FROM THE VILLAGE SITE.

- 784. The concentric circles (रक्का halka) are generally, but not always, three in number. The nomenclature and division differ according to locality.
 - (a) The belt near the homestead, which is better manured, more carefully cultivated, and adapted for superior kinds of The homestead is called warel abadi, she dih. वसम्ती basti; and the belt of land गाँएँड goënr, गाँएँड्रा goenra, गोँडा gonrha, or गोँडा gaunrha or बाध bādh; also कोरार korār in Patna and to the west, दिशाँच dihāns (Shahabad, Patna, and Gaya), घरन्वारी gharbāri in Patna and South Munger, and बाड़ी bari in South Bhagalpur. The land actually in the homestead is specially called sta dih, विश्वास dihāns, or (in Tirhut) भीड़ा bhitha, and in Champaran who bhith. The dih is properly an old village site or mound. If there are two clusters of dwellings of the same name some distance apart, the older one will be called डोड dih. चनादी abādi is properly settled or cultivated land. The land near the village which receives the drainage of the houses is nitra gohan in Shahabad.

- baharsi to the west and in Patna and South Munger. This belt is also called चरेच sarch to the south-west as long as crops are standing on it. It is also called नाशे tādhi (Champāran), चरान्सू baharbhām (Sāran and Tirhut), टास tāl (South-East Tirhut), विस्थार bahiyār (North-East Tirhut), and वैसार baihār (South Bhagalpur). In Hazārībāgh it is called चिन्ना singha.
- to the west, also are baharbhūm in South Munger. So that the second and third belts are only considered as one. There are also, however, separate names for the third belt, viz. siş tār, sīş tānr, or sīşī tānri, which is used to mean high extensive wastes of infertile or gravelly soil, or of hillocks and ridges such as are found in Gaya, and are chaunr, which means low open marshy country. In South Bhagalpur with bhītho is the land far from the village site which only produces bhadoi crops with much labour, and a still further circle is are baran, which bears no produce. In Sāran and Tirhut are dīyar are the fields situated on the further side of a river, or islands formed by rivers.

CHAPTER III.—SOILS CLASSIFIED ACCORDING TO THEIR CONSTITUENT ELEMENTS.

785. Sandy soils.—बाखा bāla or बलावा balwa, बलावा balwa, बलावा balwa (North-West and in Patna and in Gaya), बलावा balwāh (South Bhagalpur), and बलावा baldhūs (Champāran), are soils principally composed of sand. Sandy loams are बलावार balsundar or बलावार balsundri, with local variants बलावा balsun or बलावार balsumhi in South Tirhut, and बलावा balkasi in South-East Tirhut, and बलावा balsum in North-East Tirhut. They are also called बलावा baluat to the west, and बलावा balimat in Shahabad. North of the Ganges and in South Munger बलावा balua is land with sand on the surface and clay at some distance below. In Champāran and South-West Tirhut वर्ष वीभेवेंड or बलावा dhūsi is an arid and sterile soil consisting of an admixture of sand and clay. A loose sandy subsoil, in which a clay well will not work, is बला benga or बलावा bengaa. In South-East Tirhut it is also

ह्यानी bhusni. In Shahabad भीष bhis is fine compact sand, and बाखा bāla loose coarse sand.

- 786. Clayey soils.—The principal is aftern matiyar, or in Gaya ादिगर matigar, which is a brown clay soil, well adapted for rice. It contains about 60 or 70 per cent of clay. A stronger kind, 30ntaining about 85 per cent, is called केवास kewāl. This is also ealled acre karar in the south-east. A re kewal in South Munger s of three kinds, viz. करन्का karka, which is black; गोरियहा noriatta, which is yellowish; and चनन्की chanki or गमन्दी केवास gagri kewāl, which is mixed with fine gravel. This last is also called विस्टिया pathratiya in South Bhagalpur or (when it is of a reddish volour) गोरॅटिया पश्चरीटी gorentiya pathrauti. In South-East Tirhut बेबाल kewāl is of two kinds, viz. गोरी केबाल gori kewāl, which s light-coloured, and नेलिया केवाल teliya kewāl, which is dark. करेख karail to the west is a bluish-black soil, which contains more nganic matter than महियार matiyar. In Shahabad it is divided into wo kinds, viz. बाँगर करेंच bāngar karail, which is apt to crack on lrying, and shar ate doma karail, which is of a more bluish colour han the other. A clay which feels greasy when rubbed in the hand s called दूधी dudhi or चिक्रन मिटी chikkan mitti or चिक्रनी मिटी chikni nitti; and सुसुरी bhusuri (west) and कचीच kachaus (east) are clay oils which soon dry on the surface. Takhaur is a similar oil mixed with ashes, which is called in South Munger warred hasurāhi. चमन्की chanki, or to the west सिगन्ता sigta, are hard soils, which split and crack when dry. In Patna and Gaya कहुरवा kachhuiya 3 a loose clay met in digging wells. जलकी मिडी lalki mitti north f the Ganges, नेक geru south of it, and काविस kābis in South-West hahabad, is a red clay. भरम naram, and also to the east खरम laram, nean soft when applied to clay. North of the Ganges, to the west, and in South Munger, waster akrah is a hard clay soil mixed with ne gravel. In South-East Tirhut it is बराडी chharahi. रोरियाड oriyāh or treat rorha is land which goes into hard lumps the size of ggs after preparation. क्रमन्दीडी kumrauti, or in Säran क्रमन्द्रीडी kumrauti, and in Tirhut कारी माटी kāri māti, is potter's clay.
- 787. Loamy soils.—The चड्ड chahal or करोड kadoi is that which never drier than mud, and in which crops are planted without loughing. उन्हों dhabri or दान dhāb is land which is part of the year nder water and part of it dry. दोर्च doras, or (in Patna and Gaya) रिज्यादी dorsahi, and (in South Bhagalpur) परचोती parsoti, and also

पंचानकोत panchkatail in Tirhut, is a clayey loam; while वजन्य balsundar (see sandy soils for other names) is a fine sandy loam. In Champaran वसन्ती babhni is a light red soil.

CHAPTER IV.—SOILS AND WATER ACTION.

788. Land thrown up by fluvial action is any actic gang barar (also spelt बहार barār), and that cut away गङ्ग शिकस gang sikast. जारन chhāran is land left by the retrocession of a river. zts tanr in South-West Shahabad, and परन्पर patpar in South-East Bihār, is newly-formed land so situated as to receive an annual accretion of alluvial deposit; but in Saran and South Tirhut परन्पर patpar is barren alluviated land. Saran HIHH māmas is rich alluviated land. In Tirhut, Patna, Gaya. and the south-east नरी tari means moist soil in hollows and at the foot of slopes. It also even means water. Thus they say, 'Are you going नरी tari (by water) or खसन्की khuski (by land)?' In Saran तरन्यानी taryāni is similarly used. उरी tari is also applied to lands recovered by retrocession of a river. In Shahabad they are wrote bhagar, and in the south-west of that district few-effect chhichhlahiya. They are also called बारन chhāran. दीयर diyar or दियारा diyāra is fresh land thrown up by the shifting of the course of a river. In Patna, and also in Champaran, it is called fewer diara, in South-West Shahabad and dila, in South Munger दोरा dira, and in South Bhagalpur दोरु dira. The alluvial deposit left by rivers while still wet is called wat kadui, कहोद kadoï, or पाँक pānk or पक pank (see § 789). Land rendered useless by deposits of sand is called anti are kora bal (in Saran) and water balan (North-West Tirhut).

CHAPTER V.-MUDDY AND WATER-LOGGED SOILS.

789. Land in the bed of a tank is in Patna and Gaya गरी tari. In Shahabad it is बाँच kinch, and to the west generally बानो विषय kāno kichchar. Marshy or muddy soils and quagmires are भाष bhās and इसन्ती dalki to the west and in Patna, and the latter also in Gaya and South Munger. In Tirhut, Sāran, and Patna they are adaldal, in Patna and Shahabad पॅक्स्स pankha, and in the southwest of the last district बेन्स्स khanchra. Lands usually saturated with water are प्रकार panmār north of the Ganges, स्वास्त sugra in South-

Vest Shahabad, चिंदा siñrāh in the rest of the district, चिंदा sirāha
1 Patna and South Munger, चीदा sīrā in South Bhagalpur,
1 तो स्वास seūt in Gaya. घरना dhasna is land liable to be submerged.
1 t is called गाँची gaunchi in Gaya and जानको jalki in South-West
1 hahabad; in South Munger it is गाँची gaunchii. The old dry bed of
1 river is बारन chhāran or (in North Tirhut) मरन maran. Other
1 ames are बाँच bānr in Patna and Shahabad and जार jhor in the
1 outh-west of the last district. पाँच pānk, पाँची pānki, or पद्म pank is
1 arth wet and soft so as to yield to the tread, adhesive and rotting.
1 Jothing will grow in it. जादो kādo, जादोद kadoï, or जादो kadaī, is
1 and in which crops will grow.

CHAPTER VI.-HIGHLANDS AND LOWLANDS.

190. Highlands, as contrasted with river valleys, are अपरन्तर aparwār in Patna and to the north-west, अवराष्ट्र baharbhūm in South Pirhut, and अवरार uprār in East Tirhut. South of the Ganges उत्तर dihāns is used in Patna, दाँड tānr in Gaya and South Munger, तीच dīl in Shahabad, and जीच dīl in South Bhagalpur. In Hazā-rībāgh other names are अवास uchās and जीवर dhībar. In South Munger नाइ gād is the corresponding word for a lowland. जीव ihil or चौर chauñr, or in Sāran काइ kāchh, is low marshy land. In Patna, Gaya, and South Munger it is जाइ jāh. अन man is a large sheet of water of considerable depth, and in Tirhut जान jān is similar but something smaller. जात khāl, अवराग khalva, or in the north-west

CHAPTER VII.—RAVINES AND MOUNDS, &c.

- 791. Land cut by ravines and broken ground is fare bihar or (in Gaya) and bihanr. In South Bhagalpur it is arian. The elevated soil in the midst of ravines is and dhuh or and dhuhi in South-West Shahabad, when did in the rest of the district, fact tilha in Patna, Gaya, and South Munger, and fact tikkar in South Bhagalpur.
- 792. In Patna, Gaya, and South Munger 2 or tanrua or wat nala is a ravine. The latter word is also current to the west, and is only used when the ravine is also a water-course. In the south-east

the word is चाँच dānr. चेंद्र कीचा derh kaua is also used in Patna. Uneven ground is उत्तर बागर ubhar khābar to the north-west and in South-East Tirhut, and महत्त्र matha or दावर dābar (also in Champāran) in North-East Tirhut. South of the Ganges we have जवर खावर ūbar khābar in Patna, Gaya, and South Munger (also noted in Sāran), जेंच खाल ūnch khāl in Patna and to the west, जजर खावड़ ūkhar khābar in Shahabad, and उपाली uchli in South Bhagalpur. A high river bluff is करारा karāra, चरारा arra, चरार arār, चरारि arāri or कहाड़ kachhār or कहाड़ा kachhāra. Other names are दास dhāh (north generally) and कॅगनिया kanganiya (North-East Tirhut). The sloping bank of a river is in Shahabad तराधियार tarsiwāi, and in South Munger निर्देश tarsi.

793. A mound generally is दिल्हा tilha, or in South Munger दिल्हा टाकर tilha tākar. In South-West Shahabad it is दूस dhūh, दूसी dhūhi (also in Sāran), कोस dīl, or दिका dilla, in the rest of that district टीप्र tīpur, and in South Bhagalpur दिकोर tikor or दिका tikkar. In South-West Shahabad पटारी patpari is a hill with a flat top. The sites of ruined villages are कीस dīh; also भीटा bhītha in South Munger. The sites of old villages are often covered with potsherds, hence such sites are also called दिकारा ह thikrāhu in Patna, दिकारी सांक्षित्राधा in Sāran, दिकारी thikariya to the east, किकारीर jhiktaur in Patna, Gaya, and Champāran, चिकारीर sikraur or किकारीर jhiktaur in Shahabad, and किकारिया jhiktiya in South Bhagalpur, the words for potsherds being किकारा jhikta, किकारी jhikti, or टीका thikar or दिकारा thikra, also चिकारा sikra in Shahabad and किकारा jhikta to the west.

CHAPTER VIII.—STONY SOILS.

794. Gravelly soils are कंकराकी kankrāhi in Sāran and Patna, क्रिक्स ankrail in Sāran, and क्रिक्स ankraur to the west. Gravel generally is in Patna and to the west क्रिक्स ānkar, and to the east मज़्ड gangat; also everywhere क्रिक्स kankar. In Champāran and Tirhut it is क्रिक्स inkri, and in Champāran and Gaya क्रिक्स क्रिक्स jhikti or मर्नेगड garāngat. Coarse gravel is in Shahabad क्रिक्स ankra, and fine क्रिक्स ankri. To the south-east it is मॅग्न्टा gangta and मॅग्न्टो gangti. Soil mixed with coarse gravel is मॅग्न्टियाचा gangtaha in Patna, Gaya, and South Bhagalpur, and मॅग्न्टाचा gangtāha in Patna and South Munger. क्रिक्स क्रिक्स is a hard rocky soil. Other names are क्रिक्स dohar in South-West Shahabad, and क्रिक्स pathrehar in South Munger.

CHAPTER IX.—CULTIVATED AND WASTE.

- 795. Classifying soils according to cultivation, we have cultivated and known as चवाद abād or चवादी abādi. It is also known in the ath-east and Gaya as पच pah, in Patna as चीच वैटाचीच khīl baithāöl, d Shahabad as चिचानार khilmār.
- 796. An inhabited village is बच-गित basgit or बच-ती basti, and a serted village वे अपर be chhappar (unroofed), and also in South unger निविदाको nichirāki (without a light) and in Gaya दम-का mka. Other names for the latter are उनड़ ujar, उन्नार्स ujral, अनाड़ ār, उनाइ। ujra or (optionally in Tirhut) और dīh.
- 797. Waste land is परीन parti (Patna, Gaya, and South Munger) परनी parti. Land which has accidentally gone out of cultivation specially परान parāt in Sāran, पराना parāta to the north-west, and तन parānt or परना parta in North Tirhut. Waste land broken for the first time is बीख khīl, or in the south-east खिल्ल्ब्ड khilkat खिल्ल्ब्ड khilkatti. In Tirhut it is also called खिल्ल्बार khilmat. he second year after it is broken up it is बीख khīl to the north-west, pah in Tirhut, Shahabad, and the south-east, and पीच pauh in tha and South Munger. The third year it is called खिन khet or Champāran) परी pahi, and North-East Tirhut पर pah.

CHAPTER X.—FALLOW.

- 798. Land left fallow for sugar-cane from the previous spring rvest till the season for sowing the cane is called सवार maghār, ., see § 805. Land left uncropped in the autumn harvest and bughed during the rains for the cereals of the spring harvest followis is बोबाच chaumās, and to the west also पिंचर palihar. Those lands which a spring crop is sown without any interval after the autumn p is cut are called बारो nāri in Patna and South Munger, and बरो or बरो देन jari khet elsewhere south of the Ganges and in Sāran. aste lands which are ploughed up during the rains and cold weather d sown in rice at the commencement of the next rainy season are led दोन रा चीबाच dotra chaumās in North-West Tirhut, बाबाच gajānr South-East Tirhut, विदार birār in South-East Bihār, and क्या किया in the south-west.
- 799. Lands left fallow for a time to recover their strength are जी parti generally. Other names are परना parta in North Tirhut

and चाँच chânch in South Bhagalpur. Land which never lies fallow is ज्ञार abād or ज्ञारी abādi. Another name is ज्ञारी uthti in Champāran. North of the Ganges ज्ञार rulli or (to the east) ज्ञार runni is poor light land which requires to be left fallow for a year or two. It also means land which has lost its fertility. Other words in use are ज्ञार jhūs and ज्ञार haluk to the north-west and in Patna, ज्ञार jhūsi in North-East Tirhut, जोड़ी korhi in Patna, ज्ञार chhānchh in Gayā, ज्ञार bangrāh to the south-west of that district, जिल्ला कोड़ी tiliya korhi in South Munger, and ज्ञार algi in South Bhagalpur.

CHAPTER XI.—RICHNESS AND POORNESS OF SOIL.

800. बरियार bariyār or गइन्स gahra, or in South Munger जेयर jaiyad, is the general term used for rich soils. Others are जीगर jiyar (Patna) and जोचा chokha (North-West, Gaya, and South Munger). Poor soils are चलुक haluk (North-West Bihār), रजी runni (see § 799), तपन्तार tapnāk (North-East Tirhut), and उस thas, समर abbar (also in Chāmpāran), or उसउ usath south of the Ganges.

CHAPTER XII.-IRRIGATED AND DRY LANDS.

801. Land artificially irrigated is परीचा pataua or परीद्र pataui to the west. Other local names are परीचा patauna South-East Tirhut, and पराचार patāöl North-East Tirhut and पराचार patāble North-East Tirhut and पराचार patāhuān in Shahabad. In Gaya it is प्याचित्र hathghiset, and in South-West Shahabad भरेंचा bharaiya. Land irrigated from tanks or ponds is चानन chhānan in Sāran and Patna, पोर phor in South-West Shahabad, and elsewhere south of the Ganges मेंचानो melwāni or (South Bhagalpur) मेंचानो melāni. When irrigated from wells it is चारावाची motwāhi to the west. Unirrigated land, or land which does not require irrigation, owing to its being, or its capability of being, flooded is प्याचा apta. If watered after ploughing, it is चिर्वाची chhirikni to the west, पांची pachauān in South-West Shahabad, and पांची panaula in the rest of that district. जिपविचा nipaniyān are in Patna unirrigated crops. In South Munger lands which require irrigation are पांची nath halhi.

CHAPTER XIII.—LANDS WHICH RETAIN AND WHICH DO NOT RETAIN MOISTURE.

802. This is the division most common amongst natives themselves. The moisture in land is दास hāl. Land which does not
retain it is चाँगर bāngar, and that which does is भोड bhìth, or in
North Sāran भाड bhāth. Under these divisions come other subdivisions, such as बस्या चाँगर bahua bāngar (which is sandy), महिद्यार
चाँगर matiyār bāngar (which is clayey), and so on, and बस्या भोड
balua bhīth, महिद्यार भोड matiyār bhīth, and so on. Crops on bāngar
lands cannot be cultivated without irrigation, and the expense of cultivation is therefore greater, but the yield more than compensates
the outlay, being a third, and sometimes double the amount of bhīth
produce. The latter lands are sometimes irrigated and sometimes not.

CHAPTER XIV.—LANDS BEARING A SINGLE AND A DOUBLE CROP.

803. Lands which produce only one crop in the year are प्रकरमिसा ekphasila or प्रकर्णसिसी ekphasili. In Champāran they are called प्रकर्म सिसाय eksaliya. चीमाच chaumās lands (also called पिल्डर palihar to the west) are kept free from crop during the rains, and tilled for the cold weather crop. Lands bearing two crops in the year are दोपिसा dophasila or दोपिसी dophasili, or in Champāran दोपिसा dosaliya. In South Bhagalpur they are दोचास dosāl. Land on which crops are grown all the year round is निमन्यपिसा tinphasila.

CHAPTER XV.—TERMS USED IN CONNECTION WITH DIFFERENT CROPS.

- 804. The following terms are used in connection with different crops.
- 805. Sugar-cane.—Land prepared for this crop is उचाँच ukhāñw or उचाच ukhāo. Land constantly ploughed for cane or any other crop from Asārh to Māgh are समान maghāt in South-East Tirhut, समाइ or समार maghār in Sāran, Patna, and South Munger, समादा maghra in Gaya and the south-west, and समुचा maghua in South Bhagalpur. Land under cane is उचारी ukhāri in Shahabad. जनस्म jathhan in South Munger is land cropped in the previous year with cane.
- 806. Cereals.— Telesti harjinsa are those lands which grow all crops except transplanted rice.

- 807. Garden crops.—Land suited for growing garden crops is कोरार korār in Patna and to the west and कोरियार koriyār in Patna and Gaya. Other names are कोरॉड korānt (South Tirhut), केरियार kairiyār (Shahabad), बारो bāri in Tirhut, and कतिवानी latihāni in South Munger. These names apply rather to the use to which the land is put than to the kind of soil, most of them being connected with the word कोरो koïri, which is the name of a well-known caste of garden cultivators.
- 808. Cotton.—In Shahabad the following kinds of land are suited for the various kinds of cotton:—

Cotton.						Land.
(1) दिखा rarhiya	•			•		बरेड karail.
(2) बॅड्न्स banrchha			•	•		बोड़ार korār.
(3) चोवन्ती hewti	•	•	•	•	•	षरिषार bariyār.
(4) मनःवाँ manwān				•		मदन्वाँसी nadwāñsi.
						_

- 809. Pulses.—Land under gram is called चेना chaita in South Bhagalpur.
- 810. Maizes, millets, &c.—Land under these crops is start dotura north of the Ganges. The word means properly land in which both a rainy season and a cold weather crop can be sewn.
- 811. Spring crops.—Light friable soil suitable for these crops is called দীত bhīth or দীতা bhītha, also in Gaya দিলবে bhithāra. See, however, § 802.
- 812. Rice.—Rice land is घमन्दर dhanhar. In Gaya it is called धन विद्यारी dhan kiyāri, and in South-West Shahabad धनन्दर dhankhar.
- 813. Land under trees, brushwood, &c.—Forests are बन ban or जाइस jangal. A grove is बनेचा bagaicha or नासी gāchhi. बान bāg is a garden, and बनिया bagiya an orchard. कुल-बारी phulwāri is an orchard, enclosed, irrigated, and stocked with fruit-trees. A खाने बान khāne bāg in Champāran and Patna or बनार बान najar bāg in Gaya and Shahabad is a grove attached to a shrine or other building, and growing flowers as well as fruit.
- 814. A mango grove is चाम ने बरोचा am ke bagaicha, or in Tirhut नाची gāchhi; a clump of bamboos is बाँच के कोडी bāns ke kothi in the north-west, बंदाबारी banswāri north of the Ganges generally, and बाँच कोड bānsak bīth in North-East Tirhut. In Patna it is बच्च baser, in South-West Shahabad बंदाबार banswār, and elsewhere south of the Ganges बचाइ basār. In South Bhagalpur it is also called बोडो bīto, and

in Tirhut बार odh. A young grove of fruit-trees is नमुनी gachhuli north of the Ganges, also जोरानी naurāhi in Champāran, जरोर naroï in Champāran and Tirhut, and सब महानी lab gachhuli or नव नमुनी naw gachhuli in Tirhut. Another name is नव पेड़ा naw pera. South of the Ganges it is जोनाची laugāchhi to the south-east, केड़बारी kerwāri in Shahabad, नरोर naroïn in Patna and South Munger, and नोबेड़ा बनीचा naukera bagaicha in Gaya. A belt of trees on either side of a road is पाँची pānti or पेतिबारी pantiyāri, and also प्रवासी lakhrānw to the west and पाँचा pānta in Tirhut.

815. Land producing brushwood is art jhara (Saran and Patna) or पन विश्वको ban chhihuli (South-West Shahabad). Brushwood is भार jhār, with jharha, or to the north-west and in Patna and South Munger भूर jhur. Small stunted brushwood is भावती jhakhuli or भावती jhakhuri north of the Ganges and in Patna, And raunji in Patna, and भूरव्या jharkanti in South-West Shahabad. Land producing tall thatching-grass is well kharhaur or well kharhaul, or south of the Ganges चरकर kharáhur. Other names are मुजन्दानी mujwāni, कॅंद्रन्यानी kanrwani in the north-west, and finant munjwan in Shahabad. In South Munger it is star kharaitha. The principal of these grasses are पडेर pater, चर khar or चर्द kharaī, रारी rāri, डामी dābhi, इचर ikkar or द्बारी ikri, मूँच mūnj or भाजाच jhalās. Of the last, मूँच mūnj is properly the bark used for making string, water jhalas the leaves used for making rough thatches, with kānra the stout lower part of the stalk used for roof-thatching, and चिरन्की sirki the upper or reed part used for making sieves and mats. Reeds are acres narkal, and the land producing them is a taken in Champaran.

CHAPTER XVI.-LAND IMPREGNATED WITH SALT, &c.

816. Land impregnated with impure carbonate of soda दि (reh) is जार एंडवर or उद्धार ussar. Other names are देशार rehāh or देशाइ rehār (East Tirhut) and देशाइ rehra (Pātna, Gaya, and South Munger). जारी khāri or (South Bhagalpur) जारा kharva is land impregnated with sulphate of soda. जीने noni south of the Ganges is land impregnated with common salt. Other names are जोनियार noniyāh, जोनियारी noniyāri, and जोनियार nonchharāh. In South-West Shahabad चाँच chāmp, and in the rest of the district चाँदिक chāndil, is जबर एंडवर land, in which spots of good ground are scattered.

DIVISION IV.

GENERAL AGRICULTURAL OPERATIONS.

SUBDIVISION I.

PLOUGHING AND HARROWING.

CHAPTER I.—PLOUGHING AND HARROWING.

- 817. To plough is घर जोतन har jotab, घर नायन har bahab, or घर समापन har chalāëb. घर नायन har nādhab is properly to yoke the oxen to the plough (also called घरनी larni in Champāran and South-East Tirhut). Other expressions for ploughing are चिराघर के घरस sirāur ke dharal or चरिया के जोतन sariya ke jotal in Champāran, पैच घरन pais dharab (or प्रस्थ घरन païs dharab in North-East Tirhut) in Champāran and Tirhut, and इंडिन घरचान dahin dhareāo in Champāran and South-East Tirhut. One ploughing is चान chās, and in Gaya and to the west also चाँच bāñh: thus, एक चाँच ek bāñh the first ploughing, दो चाँच do bāñh the second ploughing, and so on.
- 818. The first ploughing is called परिन्न पान pahil chās or परनी pharni. In Gaya and Champāran it is पारन phāran. Lands sown after a single ploughing are भोकीया bhokaua in the north-west and जोना बाबन jota bāway in Champāran and Tirhut. समाइ जोनव maghār jotab is north of the Ganges and in Patna and Gaya the ploughing in the month of Māgh (January-February) of lands intended to be sown at the next rainy season. In East Tirhut and Champāran this is also called प्राण्य जोनव chaumāns jotab. In Gaya and Champāran it is also समाइ जानव chaumāns jotab. In Gaya and Champāran it is also समाइ maghīrā chās, in Shahabad समावत maghīrat and in the south-west of that district क्रमाइ kulhar. In South Bhagalpur it is साची पास māghi chās, and in South Munger समाइ maghār. The field which is thus ploughed is विद्यार birār to the west and south and पर pah also south of the Ganges and in Champāran. North of the Ganges it is called जोगाँच chaumāns.

- 819. The second ploughing is दोबार or दोबाइ dokhār. In Gaya and Champāran it is also called प्राचे purve. Other names are चोबन्दा somra to the north-west and उमार samār in North-East Tirhut, दोबार dohār in Champāran and North-West Tirhut, and दोबारावन dohrāwan in South-West Shahabad; and the same names are also applied to the field so ploughed. In the south-east the second ploughing is called चास chās, दोबार dokhār being the third ploughing.
- 820. The third ploughing is तेखार tekhār and also (in Champāran) तेखारा tekhra. To the west it is also तेष्टरावन tehrāwan. In the south-east it is दोखार dokhār. The same terms are used for the land so ploughed.
- 821. The fourth ploughing is in East Tirbut and Gaya पोकार chaukhār, and in Shahabad, Gaya, and South Bhagalpur परवर्षी charchasi. Elsewhere it is चार चाच chār chās; so also the land so ploughed.
 - 822. The fifth ploughing is पानन्याच pānchās.
- 823. The phrase used for successive ploughing is pa and ek chās, and the chās, and so on. Theoretically there is no limit to the number of ploughings required for some crops, as is shown in the following rhyme current in Gaya:—

ची चाम गया, पचाम चाम मणा, तेकर चामा मोरी तेकर चामा नोरी Sau chās ganda, Pachās chās manda, Tekar ādha mori, Tekar ādha tori.

- —A hundred ploughings for cane, fifty for wheat, half that (25) for rice, and half that (12½) for oilseeds.
- 824. The ploughing of millets, when they are about a foot high, is first bidāh, a local variant being first bidāhni in Champāran, West Tirhut, Patna, and the south-east. In Gaya and Champāran it is attach, and in South Munges, when hoeing is substituted for ploughing, it is attach korni. When a rice-field is flooded and then ploughed to kill the weeds, the property is called at leo in the north-west, dat lews in Gaya, and attached or sever kadwa to the north-west and in Tirhut. In North-West Tirhut it is called attached.
- 825. In Saran and Champaran ploughing with a plough of which the block is new and full-sized is were a win nawtha ke jot, and

with one which has a small worn block विजीती के जोत khinauri ke jot. In Tirhut and also in Champaran the corresponding words are respectively खबन्दा के जोत lawtha ke jot and उँडा के जोत thentha ke jot, and in Shahabad नवसन्त nawahra and खुँडसन्त khuntehra.

- 826. In rice cultivation, after sowing, the field is lightly reploughed to clear the weeds and cover the seed. This is called जनार until to the north-west and in North-West Tirhut, मजर gajar in the North-East Tirhut, and जनार samār in Champāran and South-East Tirhut. In Patna it is जनार samāh, in Gaya विराह birāh, to the west and in Patna and Gaya विराह bidāh, and in Champāran and to the south-east विराह bidāhni.
- 827. The small pieces of the field which the plough has not touched are पेंच pais in Champāran and South-West Tirhut and पुरुष puis in North-East Tirhut. In North-West and South-East Tirhut and in Champāran they are द्विना dahina, and in Sāran and Champāran कुटच केन chhūtal khet.
- 828. Cross-ploughing is Ttt āra, or in Champaran and South Bhagalpur चार ar, and in South-East Tirhut चमार samar. When a field is ploughed round and round in constantly diminishing circuits, it is called चौकेडा chauketha or (in Patna) चौएडा chauetha, चारी चास ari chās in Gaya, चौबगः की chaubagli in Champaran and Gaya, and चौगडिया chaugathiya or the chauk to the west. In Saran and Champaran it is चौनेड chaugeth, in South Munger भौतिया bhaunriya, and in North-West Tirhut star chauker. The centre plot in the middle, round which the bullocks have no room to turn, is called 43.477 badhār, and this is furrowed by taking the plough across it diagonally from corner to corner. Ploughing from corner to corner is कौनिया जीत koniya jot or कीन kon. also कोनन्सी konsi in South Munger, कोनसिया konasiya in Champaran and South-West Tirbut, कोनी koni in Gaya, and कोना कोनी kona koni to the west. When a crookedly-shaped field has to be ploughed, it is called जना जोही जोत una dyorthi jot in Saran and Patna and जनाइंडी जोत una derhi jot in Champaran. When a rectangular field is ploughed straight along its length breadth, the ploughing is called चाचीचा जोत sojhaua jot. Other names current are उड़ार tharhaiñ in Patna and Champaran and star tharhiya to the west. Ploughing breadthways is with phani in Saran and North-West Tirhut, waren phatki in Champaran and the south-east, was wrat una phani in Patna, and wfeer phandiya in South-West Shahabad.

829. The following rule is current in North-East Bihar as to ploughing and harrowing:—

धोर जोतिषः बड्डत चँगर्डल, जँच के वैधिषः चार। उपजे तल उपजे नाचौँ तन वाचे दीडल गार॥ Thor jotiha bahut hengaïha, unch ke bandhiha ar, Upje ta upje nahin, ta Ghaghe diha gar.

- —Plough little, harrow much, and have your field boundaries high. If what should come does not then do so, you can abuse Ghāgh (who gives you this advice).
- 830. A harrow is चेंगा henga, &c., as described in § 30 and ff. To harrow is चेंगाप्रव hengāëb, चेंगा चलाप्रव henga chalāëb, or चौकी चुनाप्रव chauki ghumāëb. The act of harrowing is in Gaya पास्ट pālat.
- 831. The oxen attached to a harrow have various names. The one on the left-hand side is called पॅचीट panchaut or कुड़-द्विना kurdahina, and the one next to him च्योचा hathaua. The right-hand ox is पेरा phera, or in South Munger अग्रनी bhasni.

CHAPTER II.—FIELDS.

832. A field is खेन khet. Other names also current are टोपन्री topri and पारी pāri south of the Ganges, टोपन्स topra to the west, and stat dābar in Champāran and Gaya. In South Bhagalpur the words बादी bāri and बिद्यार bahiyār are used. Beds made in a field to facilitate irrigation and for other purposes are fauri kiyari, and also in Champāran चड़ारी gharāri, in Patna and to the south-east गॅड़ारी ganrāri, and in Gaya गँडारी genrāri. Similar beds in a sugar-cane field are called wint awai hata wala to the north-west and in Gaya and North-West Tirbut, and mit jhor or mit jhora south of the Ganges. In the north-west into jhora is a large bed, and so also are पश्चा pahta in Gaya, Saran, and Champaran, परिचा pariya in South-West Tirhut, द्वन dawan in Champaran and North-West Tirhut, and वियारा kiyara or भेर bher in East Tirhut. The raised banks between the irrigation beds are He menr in the north-west and are ar in Tirhut. In Shahabad, Patna, and Gaya they are account karha, and in Patna and Gaya परन्ता panrga, in South Bhagalpur पराजा palanga, and in South Munger दौन daug. North of the Ganges a plot marked off by a boundary is vivi ster hata wala in the north-west and South Munger and areal arear chharki bāla in East Tirhut. The small patch

of ground adjoining a house is बोका kola, कोको koli, or कोक-बाद kolwāi to the north-west, and बादी bāri in Champāran and Tirhut. कोका kola also obtains in Shahabad and the south-east. In Sāran and Patna it is क्षा khand or बंद khanr (which properly means a ruined house), and in Gaya बंबादो ghewāri. Other optional names are गको galli in South Bhagalpur and कोबाची konāsi in Shahabad. When the fields of one proprietor's share are scattered over a village, each is called नकता takhta or किया kitta. The whole cultivation of such a proprietor is called केनी बादी kheti bāri to the west and in Tirhut; also खेन क्याद khet badhār in Shahabad and Patna, and खेन प्याद khet pathār in Champāran and South Munger. In Patna and Gaya खन्म khandh, काम khandha, किया kitta or किया kitta, is a large area of cultivated land. A division of this is क्यांट khandhaut, which is again divided into fields.

CHAPTER III.—BOUNDARIES.

- 833. The low ridge which forms the boundary of a field is everywhere चार ar, चारि or चारी ari, as in the proverb चारि जारे तर कपार जाठी. बीच बद्धा चरवाची, ari jāi ta kapār lāthi, bich banga charwāhi, -if you go on a field boundary have a stick (to protect) your head, (and then) you may graze your cattle in the midst of a cotton-field. North of the Ganges it is also called डंड्रेड danrer. Other names are अवस्ती ahri (see § 919), असङ्घ alang, or पराँड paranth in Patna, Gaya, and the south-west; पॅरना panrga, गॅड़ारी ganrari, चारल āil, or चाल āl in Gaya and South Munger, and six danr in South-West Shahabad. A ditch boundary is चर khaī, चार khāi, चना khatta, or चार्ने khāwān. Another name is want khanta in South Bhagalpur. In Gava district since dobhra is a small ditch. An embankment used as a boundary is west ahra (see § 919) or and bandh. Other names are भरवेंब bharban (Champaran), धूर dhūr (North Tirhut), and करवें chharki (South-East Tirhut). A place where three boundaries meet is तिनन्को निया tinkoniya, and where four meet चौसुख chaumukh, चौबटिया chaubatiya, or witter chauraha. In Champaran and South-East Tirhut it is also चौपद champar.
- 834. The rural Bihari lays great stress on the importance of keeping these boundary embankments in order. Thus, there is a proverb sites was and; with a gas favir thank chukal banar, arik chukal kisan,—a cultivator who neglects to look after his boundary embankments becomes like a monkey fallen from a branch. Another

proverb which may be noted here is खेत भाष, चारि कोड़ी khet bhase ari kori,—the field is flooded, out the boundary embankments, i.e., passion must have its vent.

CHAPTER IV.-FURROWS.

- 835. A furrow is चराइ harāi to the west. In Champāran and Tirhut it is चिराष्ट्र sirāur, in Patna चिरोर siror, and elsewhere चिरोर siraur. In Gaya another name is चेवान sewāt. भौजिया jhanjhiya or चारी dhāri in Gaya and Sāran, and चर्र ghai in Patna and South-East Tirhut, are the deep furrows in a field in which extra crops are grown, especially those at the edge of the field, or running from corner to corner.
- 836. The deep furrow used as an irrigation channel is जारा ara in the north-west, पेन pain or पेनि paini generally, दौजर daungar in South Tirhut, Patna, and Gaya, नारी nari or कराजा karha to the west and in Patna and Gaya, जीना bhita in East Tirhut, and दौन daug in Patna and to the south-east.

CHAPTER V.—MISCELLANEOUS TERMS USED IN CONNECTION WITH PLOUGHING.

- 837. To the west चाँमारे sānjh le, चॅमिया sanjhiya, and चॅमिया sanjhariya mean 'up to evening,' or 'at evening 'and hence are used as adjectives with the word जोत jot to signify as much land as can be ploughed in a day. In Champaran and South Munger this is चगरादिया sagardina, and in Patna उक्त इरिया thakhariya. The area ploughed in half a day is called दोपहरिया dopahariya.
- 838. The portion of land included in a plough circuit is बाँगर कार्या, and also to the north-west and in North-East Tirhut परा hattha, and to commence another circuit is दोषर बाँगर घरच dosar āntar dharab. The place where ploughing is going on is परवादी harwāhi in Patna and north of the Ganges. In Shahabad it is परवादी harwāhi. In Patna it is दोपन्स topra, and generally परावा harātha.
- 839. The first ploughing of the season is दरमञ्जर harmahutar in Saran and दरमोद्दार harmohtar in Patna and Gaya. It is also दमन्त्रत samhut, and to the north चिरायंचामी sirpanchmi or चिरायंचा sirpachai, both the last two terms being derived from the festival of the sri

- panchami. In South Munger it is पर सपनार har mahantar or पर पसन har samat, and in South Bhagalpur पोमाना somāta. Another name current in Sāran is परन्त harwat.
- 840. The bringing home the plough on the back of a bullock or with the share over the shoulder is परन्तुको harkhuli, परन्योखिया harkholiya, or परन्तुकास harkhūjal, and in South-East Tirhut (optionally) परन्तुकानो harkhugāni. In South-West Shahabad it is परन्तुकान harkhutāo, and in the rest of the district and in Gaya परन्तुका harkhutan. In Patna it is परन्तिकार harbinār or परन्तिकार harjoār, in South Munger and Champāran परन्तिकानो harkholāni, and in Gaya, Champāran, and the South-East परन्तिको harkholi.
- 841. The bullocks which draw a plough or harrow are called बर्द barad, and to the west also बेस bail. When it is wished to distinguish them specially from eart-bullocks, they are called in Champāran and Tirhut चढ़ा बर्द hattha barad, and to the north-west and in Gaya बर्द में के harea bail. A lazy fat plough bullock, which sits down rather than work, is called कोड़ि korhi or प्रचा parua, as in the proverb कोड़ि बरद के फेफरि बड़न korhi barad keñ phephari bahut,—it's the lazy bullock that puffs and blows.

CHAPTER VI.—PLOUGHMEN AND AGRICULTURAL LABOURERS GENERALLY.

842. A ploughman is state harwaha, and to the west also इस्वार harwah. In East Tirhut he is also called रही harauri. His wages are called परन्तारी harwāhi. An agricultural servant in general is मजुरा majūra or बनिवार banihār. An agricultural servant engaged for the whole year is पढावर harwar in Saran and भरामिया bharsaliya in North-East Tirhut, and one for the whole day is अरन्दीना bhardina. A ploughman who works for half a day is 3446747 dupahariya or दोपपरिया dopahariya, or in North-West Tirhut पपरम्बार One who works on advances is आग्वह or आग्वह जन aguar (or agwarh) jan to the north-west, must kamai to the west, किमचर kamiyar or कमियाँ kamiyan in Patna, Gaya, and South Munger, and water we lagua jan generally. The last is usually the man who binds himself to work off a debt incurred. When a ploughman receives the use of a plough for one day in three instead of wages in cash or kind, he is called the feet anguariya or wareful agwariya, and to the west waret angwar. In Saran and Champaran he is also called square tepta (so also in North-East Tirhut), or faucti tisri or fauctu tisariya. In East Tirhut a ploughman who works without advances is called up uttha, as distinguished from usuals harwaha or utta, who does take them.

- 843. In North-East Tirhut we pat or wish with sati pati is the custom of a plough-owner employing two ploughmen for each plough, each ploughman relieving the other at intervals of eight days. In Shahabad and Patna with harāi is the custom under which every tenant lends his plough and bullocks to the landlord for two days in the year.
- 844. An agricultural labourer paid in kind is san jan, also in Gaya and Champaran उपनिया uphangiya, and in South-West Shahabad वनी bani. One who receives money is नोकर nokar, or in the north-west जाना jana. One paid solely in cash is called कोरका koranja to the north-west. In Patna, Gaya, and South Munger the proedial slaves who are attached to an estate, and cannot leave it, or marry, or in fact do anything without the consent of their landlords, are called नफर naphar or कमियाँ kamiyan; and food given to such is an khaihan. A labourer who by custom works a certain number of days for nothing for Government (formerly, and for the landlord nowadays) is called चेगार begar. Payments made in kind to agricultural labourers are called an ban, or in East Tirhut बोन bon. Advances to ploughmen are आगायह agwar in the west and walt agauri in South-West Tirhut. Elsewhere in Tirhut and to the north-west they are called with harauri, and generally war lagua.
- 845. When there are spare bullocks in a field where ploughing is going on to relieve those that get tired, the boy who looks after them is called चनवाद anwāh in East Tirhut; elsewhere he is चरवादा charwāha or बोरविया gorkhiya.

CHAPTER VII.—RECIPROCAL ASSISTANCE IN CULTIVATION.

846. बदानीया badlaiya and पदाना palta or पदानी palti are terms for exchange of labour for labour by agriculturists. To the west it is also called वैच painch, in Gaya पदानी badli, and to the south generally पाण्ड pāëth. In East Tirhut another name is जनारीया janpaincha. The practice of two or more cultivators joining their

ploughs and ploughing together, first the field of one and then the field of another, is called generally with bhanja. Other names are wanted bhanjariya and at the har sajjha to the west generally wanted bhanjauti in North-East Tirhut, at wante har bhanja in Patna and to the north, at usual har pahta in Champaran and Gaya, was bhanjeth in South-East Bihār, and with bhānja in South Bhagalpur. The cultivator in this case is with attent bhānjā wāla, or in Tirhut wante bhanjait. Another name current to the west is ansatut angwara, though this properly refers to the custom of paying ploughmen (ansatur angwariya, see last chapter) by lending them a plough and cattle one day in three.

847. The work which one cultivator does for another in this way is called to the west erve sapat.

SUBDIVISION II.

MANURING.

CHAPTER I.-KINDS OF MANURE.

848. Manure is north of the Ganges with khadaur, walk khadaur. खडी khaddhi. or मॉर्टीरा gondaura to the west, and मोचा goa or करन्ती karsi to the east. South of the Ganges, to the west, it is at ghur, and to the east (also in Saran) मनौरा ganaura or गँडीरा gandaura. कडा kūra, per grass kūra kurkut, verta bahāran, or (in South-East Tirhut) नोन-रोर gonraur, is rubbish or road-sweepings. Cowdung is alter gobar. When dried it is called south of the Ganges warres damāra, of which a variant in East Tirhut is wast damār, also in Shahabad and Patna जाडा kanda, and to the west जाँड रा kanrra. The latter term is also used in Saran. In North-East Tirhut it is गौडि gauthi, and in Champaran गौडी gauthi. In Gaya फॅडी phenti are pieces of dried cowdung. चोत chot to the west is the quantity that falls from an animal at one evacuation. Cattle urine is all gaunt or गौत gaut, and to the west also ब्र mut. सोद lid, विदी liddi, or सीदी hdi is the dung of horses, elephants, &c., and that of sheep or goats is भेंदादी bhenrāri, भेवादी bhenāri, or (to the west) सेंदी lenri. Other filth of various kinds is मेचा maila, or in South Bhagalpur विका ghina. The refuse of indigo after maceration used as manure is चीड sith.

849. A manure heap near a house is देरी dheri, or (in East Tirhut) गोनर gonar.* North of the Ganges generally it is also साम mān. A manure-pit is घूर ghūr, चाद khād, or चादर के अवृष्ट्रा khādar ke garha. A heap of dried grass, sweepings, dung, &c., is in North-East Tirhut and Shahabad क्रूर kūr. Ashes are राज rākh or चादर chhāūr, and in South Bhagalpur चोरो chhauro. In Patna and Gaya they are चानो bāni. An ash-heap is in North-East Tirhut चौराड chhaurāth.

CHAPTER II.-MODES OF MANURING.

- 850. Heavily-manured land is north of the Ganges खदौद खेत khadaur khet, or it is called जोवन्दाप्र gobrāël, or in South-East Tirhut भरक bharal. South of the Ganges it is खदौर khadaur, खदन्जीर khadgaur, or खरिन kharit in Shahabad.
- 851. The custom of allowing cattle to stand in a field for the purpose of manuring it is called north of the Ganges भेंड्री बेसाबोख bhenri baisāöl or भेंड्री दिराबोख bhenri hirāöl; south of the Ganges it is जियम्बर कोए का धूर बेसाबोब jivgar hoë la dhūr baisāöl, and in South Munger they say खेन गोवन्दाव में khet gobrābe heñ.

CHAPTER III.-MANURE USED AS FUEL.

852. Manure collected in the forests and grazing-grounds and dried for fuel is called north of the Ganges are kanra or asset karra. South of the Ganges it is satisful damāra or asset kanda. In East Tirhut it is satisful damār, and to the west it is also called fagat vitat binua goitha. Another general name is an aisset ban goitha. When made up into cakes with chaff and other refuse, the large oblong blocks are called vitatify gohra to the west and vitatify gorha in Champaran and to the east. The next sized round cakes which are stuck on the wall to dry are vitatify gointha or vitatify goitha. The smallest cakes are favel chipri. The largest-sized slabs made with both hands are vitatify dohtha or vitatify karsi, or in Gaya and South Munger until amāri,

^{*} Compare for an example of this word the proverb गাঁঘাৰে নীৰৰ হুম বিষ বিশ্বৰ goārak gonar duhu dis chikkan,—a gowāla's dunghill is neat on both sides

are unmanufactured lumps of dry cowdung dried and stored.

- 853. The pile of cowdung fuel is called to the west नाउँ दि gohraur or नाउँ दि gohraura. In North-East Tirhut it is नाउँ दे gothaur, in Champaran नाउँ हा gothaula, and there and in Tirhut राख tāl. It is ह्या chhūa optionally to the west, ह्या chhūha or ह्या chhūhi in Patna and Gaya ह्या द्वाना chhua chhanna in South Munger, and हाने chhūni in South Bhagalpur. The pile of the large oblong blocks is also called नाउँ दि gohra or नोउँ दे gorha as above. The house in which the fuel is stored is नोडौर gothaur, नोडौरा gothaura, or नोडौर gothaul generally; also नोइख gothul in North-East Tirhut, नोडडिंच gotháhul in Shahabad, and नोइडा चर goïtha ghar in Gaya. The operation of making the cakes is पायब pāthab or पायब pāthal, according to locality, or else डोक्च thokab or डोक्च thokal. The place where they are made is north of the Ganges generally प्यारो pathāri. South of the Ganges it is प्यारो pathraur in the west, पाइन वेंग्ब in Gaya, and पाइर pānrar in Patna.
- 854. In selling cowdung fuel a पन pan equals 20, 22, or 23 त्रखा ganda (i.e. fours), according to locality. In buying the article in Patna the seller gives two cakes extra (called a पगन्ती panki) for every पन pan bought.

SUBDIVISION III.

SOWING AND TRANSPLANTING.

CHAPTER I.—SOWING.

- 855. Sowing is to the west बोचनी boani, and to the cost बावन bāwag, बाचोन bāög, or बाजन bāüg. South of the Ganges, and also in Champaran, it is also बोचार boāi, or in Patna and South Munger बोची boni. In South Bhagalpur (and also in Champaran) the word is बोचनी boani. To sow is north of the Ganges, बोचच boāl, बावन करव bāwag karab, बूजच būnab, or बूजच būnal, according to locality. To scatter the seed is generally विद्या chhitab or बीचव chhintab. In Patna चुजाप्य chulāēb is also used in connection with Bhadoī or autumn crops.
- 856. Seed is बीचा biya or बीचन bihan. In Gaya it is विच-नाइ bihnāi (also used in Champāran), विचा bichcha, or बोडा gota, and in South Bhagalpur विकासाइ binhāi. A grain of seed is दाना dana.

Barren seeds are चनी abbi (or in Shahabad) चन क्रिका, and fertile seeds are चनी suggi.

CHAPTER II.-MODES OF SOWING.

- 857. The following are the modes of sowing:-
 - (a) Furrow sowing. बारी dhari or बरिया dhariya. To plough in this way is घारी समापन dhari lagaëb or वरियापन dhariyāëb. South of the Ganges this method is called चुट-की chutki. In this method a plough goes in advance of the sower, who carries the seed in a basket. He drops it into the furrow as soon as the latter becomes visible. By this method the seed is sown deep, the stalk is stronger, and not so liable to be laid by high winds. अडाप्ड bhathaëb, दोषरिया dodhariya, दोहार dohar, or समार samar is the practice of filling up with soil the furrow in which the seed has been sown, by ploughing a separate furrow beside it. This is generally done in the case of. Bhadoi crops. Sugar-cane is not covered in this way in Bihar, but by hand. The long straight lines of seed across a field are known as भारी dhari or पाँती panti. When the ploughing is done round a field, and not across, it is called चौकेटा chauketha, &c. (See § 828).
 - (b) Sowing by drill.—This is डार tār, डारी tāri, डोर tor, डोरी tori, often spelt डाँर, डाँड़ tānr, डाँर, डाँड़ tonr, &c.
 To sow in this way is टार्ड tārab or टोर समाप्र tor lagāëb. The man who works the drill-plough is डरवाई taruāh or टोर्वाइ torwāh.
 - (c) Broadcast sowing.—This is generally with baway or its variants,—see above. Other names are that chhitta or the chhitta north of the Ganges, and with chhitta south of it. Maize and similar crops are sometimes sown broadcast on land left soft after an inundation, and are then pressed into the mud by hand. This method of sowing is called with dobha, and to sow thus is the dobhab.

- 858. If the seed is sown on lands which have not been ploughed, it is called feet chhitta, feet chhitua, or south of the Ganges जंगन्सी बाबर jangli bāwag, देरा paira (Gaya, also in Champaran), or पापर paër or समार samar (Patna and South Munger). बीटा chhinta or for chhitta is also used to signify lands in which the seed has been scattered after a single ploughing. It is also specially used for sowing the spring (रवी rabi) crops on the दोषाचित्रा dophasila lands, i.e., those from which the autumn crop has just been cut, as contrasted with the views palihar or winit chaumas, which are carefully-prepared fallow lands for wheat and similar crops. The sowing of the early rice in dry lands is चराचर बाबन kharhar bawag. North of the Ganges it is also धुरिया बावम dhuriya bāwag. South of the Ganges it is in Shahabad and Patna start tharra, in the rest of the district बरन्दाइ kharwah, in Gaya बरन्देड kharweh or बरन्दे kharwe, in Patna बीचा baugha, and in South Munger धुरन्युसा dhurghussa. In Patna and Gaya sowing in a wet field is called day lewa. Sowing wide apart is generally पानर patar. Other names are (north of the Ganges) पकाड phakah or un'us phanphar to the west and देखर chhehar or परनार permar generally. South of the Ganges we find पाचर pathar in Gaya. पतन्त्र patla in South Munger, and पतीच patil in South Bhagalpur. the last two being also met with in Champaran. Sowing thick is generally वन ghan, नाइ garh, or नाइ। garha. North of the Ganges सङ्गोर sajor is used in the same sense.
- 859. Grain that fails to germinate is चमी abbi, निरम्बीज nirbij, विजन्मार bijmār, or बीचा भार biya mār. In South-West Shahabad it is बदचा barua. If a man wishes to say that his seeds have not come up, he says चमार विद्याद सार्च नेच hammar bihnāi māral gel.
- 860. When from excess of rain followed by heat a crust is formed on the surface, which prevents the young plant from coming up, it is called to the west सपट साइस sapat jāil or सपःटा साइस sapta jāil. In East Tirhut and Shahabad it is called पपःरी papri. South of the Ganges it is सासा tawa to the south-west of Shahabad, or स्वास्त sewtha in the rest of the district and in Patna. Elsewhere it is स्वास्त sewta or स्वास्त munda.
- 861. Self-sown seed.—Seed which falls on the ground in the field at harvest time, and which germinates next year, is called अनेरा lamera in the west, बच्चे namhero in South Bhagalpur, and नवर namher, क्यो lamher, or बाम lam in South Munger.

CHAPTER III.—SEED-BEDS AND NURSERIES.

862. A nursery for rice is विदार birār or विवार biyār. To the west it is also वैगा benga. The young plants which are transplanted from the nursery are generally बीचा biya or गाडी gāchhi. They are also called बीचन bihan or बीचनार bihnāï. South of the Ganges and to the north-west (when of rice) they are also called मोरी mōri, and in Champaran जर्द jaraī. The bundles of rice seedlings ready for transplanting are चाँडो ānti or चेंडिया antiya.

CHAPTER IV.—SOWING TIME.

863. The sowing season is बोचनी boäni north of the Ganges and बोजना bogha south of it. It is also generally called बायम bāwag.

CHAPTER V.-TRANSPLANTING.

864. To transplant is रोपच ropab. In Gaya when a man has finished transplanting he says प्रार्थ बनुषार मेख hammar banusār bhel,—'I have finished transplanting,' the quantity of rice seedlings transplanted at one place being called everywhere except in the south-east पाच bān. A bundle of seedlings is चाँटी ānti, and the man who plants them is called चांचा dobha or रोप-नियार ropnihār. The bundles are tied in pairs and set astride over a long bamboo when carried about. This bamboo is called to the west विभव-दोचा bihandhoa or सवाद kanāth. The man who roots up the seedlings from the seed-bed is called कवरिया kabariya, or in Sāran कवरिया kabariha. In South Munger he is also called क्यार्य morkabra. Seedlings which have been re-transplanted, i.e., transplanted more than once, are called north of the Ganges पाच khāru or प्राप्त kharuhan.

SUBDIVISION IV.

DIGGING, HOEING, AND WEEDING.

CHAPTER I .- DIGGING.

865. To dig is कोड्ब kōrab. In Champaran and Tirhut it is also सामस tāmab or पारव pārab. In South-West Shahabad it is केडब

chhejal. Digging is कोड़न्नी korni, also in Champaran and Tirhut तमन्त्री tamni, in Patna, Gaya, and South Munger निकीनी nikauni, and in South-West Shahabad चेकानी chhejni. In South Bhagalpur it is कोड़न keran or केंद्र khanr. In Saran and Champaran नोचड gohut is digging or hoeing the edges of fields. In Tirhut this is called चारि चाँडन āri chhāntab.

CHAPTER II.-HOEING.

866. Hoeing is खर-पियाना khurpiyāna to the north-west. In Champāran and in Tirhut generally it is करीनी kerauni or कमेनी kamaini. South of the Ganges it is कोइन्मी korni, or in South-West Shahabad हें जन्मी chhejni. In the month of Asārh (June-July) sugar-cane gets a special hoeing, which is called चचाही कोर asārhi kor, and in Champāran and North-East Tirhut टोकन tokab. In Gaya it is called पापा pāsa, and in Patna चचाही कोइम asārhi koran. In Champāran and the southeast it is चट्टा कोरम adra koran, and elsewhere it has no special name. The first hoeing of the sugar-cane crop, which generally takes place in Māgh (January-February), is called चॅघरी कोरम andheri koran in Patna, चाजम chālan or चम्नजन ujhlan in Gaya and to the west, चॅघरी andheri or मांड्रनी jhārni in Saran and South Munger, and फ्रानी jhurni in South Bhagalpur. North of the Ganges it has no special name.

CHAPTER III.-WEEDING.

867. Weeding is करीनी kerauni or कमेनी kamaini north of the Ganges. In the west generally it is सोकानी sohni. Elsewhere it is generally कोकानी kerani, and also दरकी harkhi in Patna and कमान्स ujhlan in Gaya and Shahabad. In South Bhagalpur it is optionally केनीनी kelauni, and करीनी kerauni reappears again in South Munger. To weed deep is भर खुरापी सोक्स bhar khurpi sohab; also कोक देव kor deb to the north-west and in North-West Tirhut, and सामस khābhal in Sāran and Champāran. In Patna the operation is called विस्तान bismādi, and elsewhere it has no special name. Superficial weeding is खुरापियाना khurpiyāna in the north-west and विकादन nikāwan in the south-east. In Champāran and Tirhut it is called दियानी tipni. The digging up a field to clear it of weeds before ploughing is नामस tāmab, also in North-East Tirhut दोका tokab. The operation is called कमानी tamni, or in North-East Tirhut दोका tokab.

Weeding by hand is चित्तुरन्ती chikhurni in the north-west and चन्न्टनी uchhtani in Champaran and Tirhut. In Patna, Gaya, and South Munger it is चाँच में निकाणन hānth señ nikāëb, and in South Bhagalpur चन्नर्द thakuraī. In Shahabad it has no special name.

- 868. Weeds are घास ghās or घास पास ghās pāt. In t. northwest they are also दूभ दाँदर dūbh dāndar, and in Tirhut यू dhū. When collected and burnt as manure, they are खादर khādar in the northwest, and गोचा goa there and in Tirhut. In Patna and Gaya these are खाद alāh or डाडी dāhi, इरा hūra in South Munger, and दारो chhāro in South Bhagalpur.
- 869. Wages for weeding are चोचाइ sohāi or चिखुराइ chikhurāi in north-west, and in the east generally simply बन ban. In Patna and Gaya they are निकोनी nikauni, in South-West Shahabad बनी bani, and to the west generally वनिचारी banihāri.

SUBDIVISION V.

WATCHING CROPS.

- 870. Watching of crops is generally रखन्तारी rakhwāri, खगोरी agori, or खगोरिया agoriya. Other terms are रखन्तारी rakhwāhi or बखन्तारी balrakkhi in Patna, जगन्तारी jagwāri or बखन्तारा badhwāha in Gaya, बखन्तार badhwār in East Tirhut, and जागाण्य jogāeb in Champāran and South Bhagalpur. In Champāran and the south-east राँको hānki is to drive crows off a field. Elsewhere it is कीचा राँकव kaua hānkab, &c. A field-watchman is रखन्तार rakhwār, खगोरिया agoriya, or खगोर-निरार agornihār; also बखन्तवा balrakkha in Patna, खगोरा agora there and in Champāran and South Munger, जगन्तिया jagwariya in Gaya, and जोगिनियाँ joganiyān in South Bhagalpur. The बखन्तार badhwār or बखन्तारा badhwāha is generally a man appointed to watch the fields of a number of cultivators and paid by the landlord.
- 871. In the north-west trailers chhenknihär, and in North-East Tirhut प्राचित्र chakledär, is a man appointed to watch on behalf of the landlord to see that none of the crops is carried away before the demand is paid. Elsewhere he is simply called frater piyada or tribes barāhil, but to the south-east he is trailer sirmān or automatibalrakkha. To attach the crops thus is called that rokab: hence the

Anglo-Indian phrase "to roke crops." The act of "roking" is called in the north-west with chhāpa.

872. When cultivators club together to watch their crops in turn, it is called north of the Ganges पारी pāri, भाँच bhānj, or भाँचा bhānja. It is also पस्तरो palti in Patna, Gaya, and the west; also परिषर parihar in Patna and Gaya, पेटी pethi in South-West Shahabad, and पाण्ड pāëth in South Munger.

SUBDIVISION VI.

REAPING AND GLEANING.

CHAPTER I.—REAPING.

- 873. Reaping is कटन्नी katni, or to the north-west कटिया katiya. In South-West Shahabad it is खीनी launi. To reap is काटन kātab, or in South-West Shahabad खीनी करण launi karal. To cut cane is खोलल chholal in the north-west, गेंड्रा करण genra karal to the west, पार्व pārab in Champāran and Patna and Gaya and South Munger, and चूर काटन ghūr kātab in South Bhagalpur.
- 874. The man who cuts the cane is described in section 292. A reaper is बटः निषा katnihār north of the Ganges and in Patna and to the south-west. He is also दिनिष्य dinihar in Patna, Gaya, and South Munger, ज्वःनिषा leonihār or कटः निया katniyān to the west. Elsewhere he is simply जन jan, बनिषा banihār, &c. Harvest time is कटःनी katni. The wages of harvesting are दिनीय dinaura in Patna and Gaya, and दीनी dīni in Champāran, Gaya, and the south-east. Another name is in Gaya गुदारा gudāra, or in Sāran गुदार gudār. Elsewhere they are बन ban, or in South-West Shahabad बनी bani.
- 875. Cutting the ears without the stalks is ब्यान्त balkat generally. Other names are दुंगानी tungni north of the Ganges and to the west, बगाना agla in Champāran and Gaya, कहर katui in South-West Shahabad, पाँगस pāngal to the west, and क्यान्त का nankatni in South Munger. So also in East Tirhut it is व्यान्त का nankatni or (also in Champāran) स्थि क्यान siskatni, and in South-East Tirhut स्थि क्या chhipkatta. It is व्यान्त agra in South Bhagalpur. Cutting crops at the root is व्यान्त jarchhorni, (in South-East Tirhut) व्यान हा jarkatta, or (in South Munger) व्यान jarchhora.

876. To shake the fruit off a tree is आरम्भराप्य jhārjharāël in the north-west. In Champāran and West Tirhut it is आरम्बाप्य jharkhāëb, and in East Tirhut अकाप्य jhakāëb. To the west it is जीरस jhoral, and also, generally, दोस्य dolab or दोसाय देव dolāy deb. अदादव jhatāhab is to knock down fruit from a tree by throwing up sticks into it (see § 41).

CHAPTER II.—CUTTING OF UNRIPE CROPS.

877. Unripe crops are sometimes cut for food. North of the Ganges this is known as again gadra or any kachcha. Other names are गादा gāda and गदा gadda. In South Munger it is गादर gādar, and in South Bhagalpur अंकरी ankuri. The last two are also met with in Champāran. A word used to the east generally is कवरी kachri. In the north-west समझत samahut is a little grain cut first, and this is समुत sumut in North-West Tirhut, नेवान newan in Saran, and नेवान neban in Champaran and Tirhut. Steel horha is unripe grain cut for parching. It is also called arear orha in Tirhut and the southeast, and optionally signs holha in Champaran and South Munger. The green ears of Eleusine coracana (HENT marua) treated in this way are called wall ummi or wall umi to the west and in Tirhut and wall uni in Champāran. बाह्रो ālo in Gaya is the part of the crop which is reaped by a cultivator for present eating before the whole is ripe. Sometimes unripe pulses and barley are rooted up and given as fodder to cattle. This is called in Saran cuta rakhant.

CHAPTER III.—GLEANING.

878. A gleaner is विकास binnihār or विविधी biniyān to the west. He is also generally खोड-विदार lorhnihār, with variants खोड-वादर lorhtāhar in Patna, Gaya, and South Munger, and खोद-रा lohra in South Bhagalpur. Gleanings left on the field for the lower orders are करंगा jharnga or खार्ग jhārang to the west, and खोड़ी lorhi or खोड़िया lorhiya to the east and in Champāran. Other names are अवदा jharua (Patna and North-West Tirhut), आर jhar (South-East Tirhut), and खूडल पडल chhātal patal (Champāran and Tirhut). Gleaning is called in Gaya and South Munger खोड़ा विद्या lorha bichcha, and gleanings are खोड़ा lorha.

SUBDIVISION VII.

THRESHING AND WINNOWING.

CHAPTER I.-THE THRESHING-FLOOR.

879. A threshing-floor is everywhere खरिषान kharihān, with an optional variant खरिषानी kharihāni in Patna. The shed erected on the threshing-floor is नइर maraī, बॉपरहो khompri, or ऑपरहो jhompri. In Patna it is सबका maruka or ऑपरहो jhompra, in Gaya कूटा kūrha, and in the south-east बॉपरहा khompra.

CHAPTER II.—SHEAVES AND BUNDLES.

- 880. The cut crop is डाँड dānth to the north-west, or डाँड dānt in North-West Tirhut. In East Tirhut it is छार lār. In Shahabad it is छेड़नी lehni, in Champāran छेड़न lehan, in Gaya पत्तीर pataur, in Patna पत्तीड़ी patauri or पत्तनी patni, in South Munger पातन pātan, and in South Bhagalpur पत्तन pattan. In Shahabad it is called परहा palhāri, and in Sāran पणारी pathāri, when it is left a day in the field without being gathered.
- 881. In considering the nomenclature of the sheaves it will be convenient to take North and South Bihar separately.

NORTH BIHAR.

- 882. The smallest sheaf, about a handful, is called बुटा mūtha, स्वा muttha, or पूजा pūla; the next largest is the जैवांग anwānsa (northwest), जोव्हा antha (North Tirhut), and जाउन āhul or जाउना ahula (East Tirhut); the next largest is the जेटिया antiya or (Champāran and North-West Tirhut) प्राची pasahi; the next largest is an armful or पाँचा pānja; the next largest is a जोचा bojha; and the largest of all, that carried on a bullock, जाउना ladna. The relative scale of some of the above is generally as follows:—
 - 4 बढा mūtha = 1 अवाँचा anwānsa or बीका aulha.
 - 8 चौका aulha = 1 पाँचा pānja.
 - 4 पाँजा pānja = 1 बोभा bojha.
 - 16 बोक्स bojha = 1 सोरन्दी sorhi.

In East Tirbut the following scale obtains:-

- 4 चाडल ahul = 1 केडनी kehuni.
- 4 केडमी kehuni = 1 पाँचा pānja.
- 4 पाँचा pānja = 1 बोका bojha.
- 16 बोभा bojha = 1 स्रोरन्दी sorhi.
- 16 मोराची sorhi = 1 मोराचा sorha.

883. The word vices sorhi is a common unit for measuring produce. Thus, a raiyat will say that such and such a field gives so many vices sorhi to the bigha.

SOUTH BIHAR.

884. The proportions vary in different places, as follows:-

SOUTH-WEST SHAHABAD.

2 जॅबॉसी anwānsi = 1 जॅटिया antiya or दोसन्हा domra.

0 ditto = 1 पाँचा pānja, पूरी pūri, or चाँटी

3 पाँच pānja, पूरी pūri, or चाँडी ānti = 1 बोका bojha.

30 ditto ditto = 1 निर्मेर tisaur.

SHAHABAD.

- 10 जॅबॉसी anwansi = 1 जॅडिया antiya or पनग्पश्चीचा panpiaua.
- 4 पौडिया antiya = 1 बोमा bojha.
- Or 10 with ansi = 1 vien panja.
 - 4 पाँका pānja = 1 बोमा bojha.
 - 21 बोका bojha = 1 प्रकेषिया ekaisiya.

PATNA.

- 4 बरःपा arpa = 1 बाँडी anti.
- 5 Tret anti = 1 aret gahi.
- 5 गापी gāhi = 1 बोम्बा bojha.
- Or 5 चरन्या arpa = 1 पाँका pānja.
 - 5 पाँचा pānja = 1 बोबा bojha.
 - 21 बोमा bojha = 1 प्रवेदी ekaisi.

GAYA.

3 चरन्पा arpa	== 1 stet anti.
5 📲 anti	= 1 गाडी gāhi.
10 गाषी gāhi	= 1 बोका bojha.
Or 9 अरन्पा arpa	= 1 чтэл pānja.
3 पाँका pānja	=1 बोमा bojha.
21 बोमा bojha	= 1 प्रकेषी ekaisi.

South Munger.

The same as Gaya, except that 4 utest panja = 1 along bejha.

SOUTH BHAGALPUR.

4 गैरिनी gaunti	= 1 चाँटी ānti.
4 चाँटी ānti	= 1 u al panjau.
16 vizl ānti	= 1 बोभा bojha.
16 बोमा bojha	= 1 चोरन्डी sorhi.

- 885. The word प्रसी chaisi south of the Ganges is used in much the same way that सोर हो sorhi is used; so also निर्मार tisaur. It will be seen that the above scales are not always consistent amongst themselves. This is the fact, and is due to a difference in the size of the unit according to locality. The रोका bojha is about the same everywhere.
- 886. An अकःवार akwār or अँकःवार ankwār (optionally), or in Patna and South-East Tirhut कंडनी kehuni, is as much grain as can be carried between the arms, and मधःवोका mathbojha is a load carried on the head. Out of each बोका bojha one बाँडी ānti is given to the labourer who cuts and carries away the crop, and the remainder is in Shahabad called यदार gudār.* युष्ट gund in Patna or गृँहा gūnra in Gaya is a bundle of cut pulse.

CHAPTER III.-TREADING OUT GRAIN.

887. Treading out grain is दोनी dauni north of the Ganges. To the west and in Patna it is also दौरी dauni or मिंजानी minjni. The latter word is principally used when the grain is trodden out by men and not

^{*}The মাতা anti given to, or rather taken by, the reaper varies in size, as is witnessed by the proverb কাহি লহাবিয়াৰ কী মুখৰ বৰ মাতা korhi katnihār ken mungar san anti,—the lazy reaper gets a bundle as thick as a club.

by bullocks. In Shahabad it is दोरी dauri, and so also in the south-east In Champaran, Patna, Gaya, and South Munger it is द्वाँकी dawānhi and in Patna also (when trodden by men) में जन्मी mainjni. In South Bhagalpur चहारी sahri is a thorough threshing of corn. The beating ou of the heads against the ground or bed to disengage any grains tha remain is पीट्य pītab, भार्य jhārab, or भाँडय jhāntab north of the Ganges It is also पेटारी petāri to the west, दंगीनी dangauni in Patna, पिटाने pitni in Champāran and Gaya, दंगीनी dengauni in East Tirhut and South Munger, and भाँडच्नी jhantni in South Bhagalpur.

- 888. The first treading out of the grain is called पौर paur the second treading is उपनि दाँवन danti dānwab north of the Gange and in Shahabad, cr नोड़ापन torāëb in North-East Tirhut. To th west it is चाँडन chhāntab, in Champāran and Patna it is खुरन्दीन khurdauni, in Gaya खुरन्दींनी khurdonti, and in South-East Tirhut and South Munger खुरन्दींनी khurdāin.
- 889. The stake to which the bullocks are tied in treading out the grain is में menh, with local variants में T menha (to the north-wes and in South-East Tirhut), मेंबन्टा mehta (Patna), and माँची minhor (South Bhagalpur). In South-West Shahabad no centre stake is used A bullock stands in the centre, who is called में चिया वैस menhiyan bain In other places the inner bullock next the post, which is the slowes and weakest of the team, is called निर्मा menhiyan generally; also महा menrha in Champaran and South-East Tirhut, and में प्राथा mehta o मंदन्दा menhta in Gaya and South Munger. In South Munger he is also मेडा meha, and in South Bhagalpur मोडा mihān. Another name fo. him is in Gaya कुइन्द्रिका kurdahina. The outer bullock, which is the smartest of the team, is called ure path or user pathiya to the west to the north-west and in North-West Tirhut was patiya, and in East Tirhut पाट वासा pāt wāla. In South-East Tirhut it is स्वाद्रा agdāën, and variants of this are जन-दार agdāin in Patna and South Munger, जांग-दारन agdāin or जन-देश agdainyān in Gaya, and प्रमन्दारं egdāin in South Bhagalpur. In South-West Tirhut he ii करा phera. The rope which goes round a bullock's neck is जराउँ। gardanw in the west and in South Munger, बरन्दनी gardani in Champaran and West Tirhut, and acting garaundha in Patna. The main rope to which all the bullocks are tied is सका manjha, also दौरी daunr to the west, दौरड़ daunrar or दोकारा dogha in West Tirhut, and करा karam in East Tirhut. In Patna, Gaya, and South Munger i is दर्बांची dawanhi, and in South Bhagalpur दाँबर dammar. I

The mun standing on the right of the picture holds in his right hand a threshing-ricke (akhuma) A threshing thor (kharikān)

Champaran and Gaya it is also called बाँच kānr or काँड़ा kānra. The rope by which the main rope is tied to the stake is चूरी ghūri or मॅंबीटी meñhauti in Patna and Gaya, and जॉड़ा donra in South Bhagalpur.

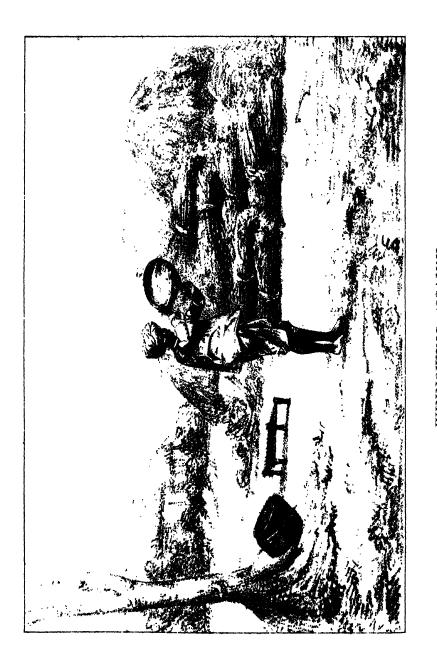
CHAPTER IV.—CROPS ON THE THRESHING-FLOOR.

- 890. The pile of sheaves.—When the erop is piled in bundles on the threshing-floor it is known as गाँज gānj. Other mames are राज tāl (north of the Ganges and Shahabad), गमा galla (North-West Bihār), देरी dheri in Gaya, and काँड़ kānr or काँड़ा kānra in Champāran and to the east; also चनार khamhār in South-East Tirhut. When the cut crop is piled like a stack in England, with the grain heads inside to save them from rain, it is called कोडियो kothiyau in Sāran, and पूज pūnj or पुंजीर punjaur to the north-west and in Patna, Gaya, and the south-east. When rahar (cytisus cajan) is piled on end to ripen before threshing, it is called चड़ा टाड khara tāl north of the Ganges. Stacks are rarely raised on platforms in Bihār, but when it is done the platform is called चड़ा machān.
- 891. The spread-out crop.—When the crop is spread out flat on the threshing-floor, ready to be trodden out by the bullocks, it is पर pair north of the Ganges and in Shahabad. Other names are पौर paur or पौरी pauri in East Tirhut, जार khoh in Champāran and South East Tirhut, जार barhara in Patna and Gaya, जरूररा barhara in South Munger, and द्वार khāa in South Bhagalpur.
- 892. The crop after it is trodden.—After the crop is trodden out the pile of chaff and grain ready for winnowing is चित्री silli north of the Ganges, in Patna, and the south-west. Other names are कुटाँक kutānw (Patna and North-West Bihār), देरी dheri in Champāran, Tirhut, and South Munger, पर pair in Champāran and Gaya, and भार dhār in South Bhagalpur. In South-East Tirhut it is also ज्यास ukām (also in Patna) or ज्यास ukum, and in Shahabad ज्याँग ukānw.
- 893. The heaped grain.—This is राम ras or देशे dheri, also in North-East Tirhut बोर khor. Over this is placed a cake of cowdung to avert the evil eye. This is बदाँच barhānw (Patna and West Bihār) and बद्धांचान barhāwan in Gaya and the west; but बदाँच barhānw is more properly the dung deposited by the bullocks while treading. Other names for the cake are नार mahāde or नार्य mahādeb. A

piece of moist earth stamped is sometimes used in the same way, and is called **TAU** chākal to the west and wur chhappa generally. In South-East Tirhut a piece of wood so used is called way jāk.

- 894. The heaped straw and chaff.—Straw in bundles is get pula in Patna and north of the Ganges, except in North-East Tirhut, where it is new jhatua. South of the Ganges, and optionally in Sāran, it is चाँडी ānti or चँडिया antiya, except in the southeast, where it is yen pulla or feet binra. Loose straw that has been threshed is year puara (to the west) or year puar (to the east). Local variants are utt pora (also in West Tirhut) or uture poar in Patna and South Munger. When it has not been threshed, but has been left standing in the field after the ears are cut off, and then itself out, it is called नार nār, and also (to the east) चार lār. Its stalks are whole, and are not crushed like threshed straw. नेबारी newāri is straw which is cut with the ear, but is not trodden by bullocks. It is tied up in bundles, and the heads are beaten against the ground. The husks of the grains are unt bhusa or unit bhussa. South of the Ganges a nasal is generally inserted—thus, भंग bhūñsa. Other names are कहना katua in Patna and Gaya, युष्टो gundo in Champaran and South Bhagalpur, and खखन्दा khakhra or sat dhulla in South Munger. Bran is that chokar, also in Patna and the west भूँची bhūnsi. Other names are चर्चींची chalaunsi (Patna and the west), कॉराइ korāi (Patna, Tirhut, and the west), चौकर chonkar in Champaran and Patna, and चौकरा chokra in South Munger. The heaped straw on the threshing-floor, or a stack of straw anywhere, is गाँज gānj or टास tāl. सिसी silli is also specially used for the heap of straw on the floor.
- 895. An enclosure for stacking straw or fuel is चरान gherān in West Tirhut, Sāran, and Champāran, घोरान ghorān in Shahabad, and चरा gherā or डाड dhāth in Champāran and Tirhut, the latter specially to the east. To the west it is प्रत्येड purwat. A house for holding chaff is स्पीच वर bhusaul ghar in the north-west and West Tirhut, and स्वाचार bhuskār, स्वान्यवा bhussbhulba,* or (also in Champāran) स्वाचार bhuskhār to the east. In South-West Shahabad it is स्वार bhunsaur, and to the west generally of that district भूषाच bhuñsáhul. In Champāran and Patna it is भौषीचा

^{*} As in the proverb ब्रन घोड भुसा स्तारित दोड़ chhūtal ghor bhussbhulbahiñ thàrh,—a horse, when he gets loose, stays in the chaff-house.



bhoñsaula, and there and in Gaya सूचा घर bhusa ghar. In Champāran and South Munger it is सुवन्धर bhusghar, and in South Bhagalpur सुवन्धरी bhuskari. जॉप khomp or जॉपो khompi north of the Ganges is a small shed for chaff. The round thatch covering a जॉप khomp to save it from the weather is जॉप के स्थानी khomp ke mathni, जांबन्सी chhāoni, or डोपड़ topar. In South-East Tirhut चाँग chāng is a large basket for holding chaff equalling four डोकन्झी tokri. डॅगीर tangaur in the same place is a similar one, but is rougher and made of rahar (Cytisus cajan).

896. The refuse straw and fodder.—This is in the north-west गोचार gothar, to the west and in North-West Tirhut it is स्थेर lather. in Champaran and North-East Tirhut fours nighas, and South-East Tirhut निधेस nighes. South of the Ganges and in Champaran it is बाँदी dānti. The refuse straw of the rabi or spring-crop, and specially of the rahar (Cytisus cajan), is that raretha generally south of the Ganges, local variants being with laretha in South Bhagalpur. and in Champaran that rahetha. In Patna it is also called with kharaī. The refuse straw of the autumn crop is sis danth or szan dantuka or assay kutka north of the Ganges. It is also to the west and in Patna ser dhattha, and elsewhere siz dant, sizi danta, or sizi danti. In South Bhagalpur and Patna, however, it is set thathero. The dry stalks of mustard (परिपो sariso) are पछी santhi in the northwest, तिसन्दी tilthi to the west and in North-West Tirhut, नोरियाठी toriyāthi in South-West Tirhut, नोरियड toriyath in Shahabad, and निसादी tilathi generally. The stalks of cereals without the ear are भेतुररा jhengra to the west and in South-West Tirhut, भेतुरहा jheata in Champaran, siz dant in the rest of Tirhut, war jhanga in Champaran. and भारत jhang also in South-East Tirhut.

CHAPTER V.-WINNOWING.

- 897. Winnowing grain is जोसीनी osauni. To winnow is जोसापन osaëb.
- 898. The fine chaff which is blown away by the wind in winnowing is पन्नी pambhi generally; also पाँकी panki or पाँकी pāmbhi to the west, गूँकी gūnri in Champāran and South-East Bihār, and भौटा bhaunta in Patna. South of the Ganges these words are confined to the winter (Aghani) crop. The words for the autumn (Bhadoi)

orop are ytal puresi or yarral puresi to the west, and rain pakhni in Patna and Gaya. In South Munger warral adhbhari is rice not fully developed, in which the ear is only half full, the rest being all chaff.

CHAPTER VI.-MISCELLANEOUS.

- 899. The gathering or collecting grain at one place in the time of harvest is aclta batoran or with lordan.
- 900. When grain is being weighed, an extra handful is thrown in to make up for dust, &c. This is called **ugut** pachhua generally, but also aut hasar to the west and use phāo in the south-east. It is also called usu lābh in Champāran and South Munger.
- 901. The grain left on the threshing-floor after removing the bulk of the crop is where agwar generally north of the Ganges, and was bhath in South-East Tirhut. South of the Ganges and in Saran it is not tari. The gleanings and refuse grain on the threshing-floor are very patpar in the north-west and was with the chaff at the time of winnowing is where agwar or where agwar to the west, which east.

SUBDIVISION VIII.

DIVISION OF CROPS.

CHAPTER I.-DIVISION AND VALUATION.

- 902. The division of crops on the metayer system between land-lord and tenant is called बराइ batāi or बरेबा bataiya. Local variants are बाँड bānt in Champaran and Gaya, बाँडो bānti in Champaran and South Bhagalpur, and बर्डेबा bantnu in South-West Shahabad. Land so held is called आंबड्डो bhāoli or बरेबा bataiya, as opposed to बगड़ी nagdi, of which the rent is paid in cash. In South Bhagalpur the division of the crops is called करवाड़ी kurtāli.
- 903. In same batan a certain fixed proportion of the crop is given to the landlord as rent, as described in the following chapter. When,

instead of a proportion, a certain fixed quantity of the crop per bigha is paid to the landlord, it is called समस्य mankhap, समस्या manthika, इसा hunda, or समस्या manhunda. This is especially adopted in the case of जिरास jirāt or home-farm lands when let to a cultivator. In Patna it is called सनी बन्दोबस mani bandobast.

CHAPTER II.—THE SHARES INTO WHICH THE CROP IS DIVIDED.

- 904. Half to landlord and half to tenant.—This is called अधिया adhiya north of the Ganges and in the south-west, in Patna and Gaya अधन्वदेशा adhbataiya or पर pah, in Champāran and the south-east अधन्वदिशा adhbatiya. In South-West Shahabad they say दूराना में प्रेम प्रमासा किस्टार बेस्सा, भाषर एक दाना असमी के देससा dū dāna meñ señ ek dāna jamidār lehala, āŭr ek dāna asāmi ke dehala,—of two grains, the landlord takes one and gives one to the cultivator. The turn of the sentence which makes the landlord give the cultivator his share is worth noting.
- 905. Seven-sixteenths to landlord and nine-sixteenths to the tenant.—This is जीवन nausat or जीवना nausatta. The practice has only been noted in the west, Patna, Gaya, and South Munger. In South-East Tirhut the custom is only observed in respect to mangoes and jack-fruit.
- 906. Nine-sixteenths to the landlord and seven-sixteenths to the tenant.—This is जीवजा nausatta. The practice has only been noted to the west and in Patna, Gaya, and South Munger; also (वेरी जीवजा seri nausatta) in West Tirhut.
- 907. One-third to the landlord and two-thirds to the tenant.
 —This is नेंद्वरी tekuri or निर्देश tihaiya in Shahabad, Patna, and Gaya, नेंद्वरा tekura in South-West Shahabad, नेंद्वरी tekhuri in South Bhagalpur, नेंद्वरी tekuli in Champāran, नियन्ती tisri in Sāran and Champāran, and नेंद्वरी tesri in South Munger. Not noted elsewhere.
- 908. Two-fifths to the landlord and three-fifths to the tenant—This is very pachdu to the west and in West Tirhut, ver year pachda dua in Patna, Gaya, and the south-east, and very panchdu to the west. Not noted elsewhere.
- 909. Three-fifths to the landlord and two-fifths to the tenant.—This is very packdu to the north-west, and vivi year pancha dua in South Munger and Tirhut. Not noted elsewhere.

- 910. Landlord one-fourth, tenant three-fourths.—This is चौचेवा chauthaiya in Champaran and South-East Tirhut and चौडेवा chauthaiya to the west and in Patua and Gaya. Not noted elsewhere.
- 911. The following remarks as to custom south of the Ganges may be of use. The division into equal shares is rare, and is confined to the cases of high-caste tenants, or where a tenant has obtained a decree of the Civil Court restricting the landlord's share to one-half. Nine-sixteenths to the landlord and seven-sixteenths to the tenant is the customary rate, the two-sixteenths in excess which are claimed by the landlord being supposed to represent the cost of collection, irrigation, and watching the crops. When the landlord takes less than a half-share of the crop, as in §§ 905, 907, 908, and 910, it is only in exceptional cases, as in time of drought, or when a jungle or waste land has to be brought under cultivation, or when land requires much labour on the part of the tenant. In these cases the settlement is always for a limited period, say one, two, or three years, and is often on a progressive scale, i.e., in the first year the landlord takes one-fourth, in the second year one-third, in the third year two-fifths, and thereafter half of the gross produce. When the landlord takes three-fifths and the tenant two-fifths (§ 909), it is a case of special agreement with a landlord, who lets his private (खूद कामन्त khūd kāsht) lands. •In calculating all these shares (except in the case of division by bundles, see § 913) only the net grain produce after threshing is divided. The tenant in addition takes all the straw.

CHAPTER III.—DEDUCTIONS AND REMISSIONS.

912. A deduction of one ser in the maund from the amount received by the tenant is called upon supahi to the west, and also upon serhi in Shahabad. A similar deduction of 1½ sers per maund is called in South Bhagalpur an neg, or perquisite. In the case of division by appraisement (see next chapter) an allowance is made for deficient produce. This is called to the west and in Tirhut we chhūt. South of the Ganges and in Champāran it is called according garki, also and nabūd in Patna, we are chhūtti in Gaya, according garki parti in South Munger, and according marki garki in South Bhagalpur. A similar deduction of 1½ sers in the maund is called in Champāran, Patna, and Gaya upon derhseri; and when of two sers, upon duseri. To the west upon dahār mahār is the loss to both landlord and

tenant when the produce is deficient through inundation. A remission to a high-caste tenant is called पगर्दी pagri or मापी maphi. North of the Ganges पद्भा pachhua is an allowance made by the tenant for dust in the landlord's share of the grain. In Saran and Patna चेन्द्री anjuri, and in Shahabad चाँच्य anjur, is an allowance of one or two sers per plough taken by the tenant. चित्रपानी khalihāni in Patna is an allowance claimed by the tenant, and so also is चाँच्य bhāmwar in Shahabad and चॅन्द्रनी mangni or चाँगच māngan (½ a ser in the maund) in East Munger.

CHAPTER IV.-MODE OF DIVISION.

913. This may be considered under two heads,—division on the field and division on the threshing-floor.

Division on the field.—This may be done either by actual division of the bundles (बोमा bojha) or by appraising (कनव kanab) the value of the crop. When the bundles of the cut crop are divided, this is called बोक्सन्बटाइ bojhbatai or (in Champaran and South-East Tirhut) खरन्बटाइ kharbatāi. To the north-west it is sonal azīs jajāti batāi. The rough appraisement of the crops for the purpose of division is called कन kan or कुत kūt, or कन-कुत्त kankūt or कन-कुत्ती kankūtti. When the valuation is done by appraisement it is called कनकुत्ती बटाइ kankutti batāi. It is also called दानाबन्दी dānābandi generally, भौकद्दा bhaukatta in Shahabad and the south-east, दसाव damāo or दमन्त्रही damkatti in Shahabad. Patna. and Gaya. When the crops are ripe for harvesting the landlord deputes an assessor (चमीन amin) and an arbitrator (चालिस sālis) to the field. They are met there by the tenant and the village officials. The village measurer (asruc kathādhar) then measures the field with the local pole, and the arbitrator goes round it, and after a consultation with the assessor and the village officials estimates the quantity of grain in the field. If the tenant accepts the estimate, the quantity is entered in the patwari's field-book (अवस्ता khasra) and the matter is at an end. If the tenant objects, his fellow tenants are called in as mediators. and if they fail to convince either party a test (परन्तार partar) takes place. On behalf of the landlord a portion of the best part of the crop is reaped, and an equal portion of the worst part is reaped on behalf of the tenant. The two portions so reaped are threshed and the grain weighed. On the quantity thus ascertained, the whole produce of the field is calculated and entered in the field-book. The tenant is then at liberty to reap the crop and take it home whenever it suits his convenience. In calculating the amount due to the landlord from the whole estimated quantity a deduction in favour of the tenant of generally two sers per maund, called grant chhutti, &c., (see § 912), is made to allow for deficient produce and for the cost of reaping, gathering, and threshing, which in this system of division is borne by the tenant. The remainder, thus calculated, is then divided into the respective shares of the landlord and the tenant, and the latter is debited with the landlord's share in the accounts. If he pays this amount within the year, it is paid in kind; but if he does not do so, its value in money is written against him as an arrear in next year's accounts.

914. Division on the threshing-floor.—This is acre within batāi kharihāni, जारे वटाइ agor batāi (because it is watched or guarded till division), or water batar simply. The man who weighs the grain is called was hatua north of the Ganges. He is also इटन्वे hatwe in Champaran, Patna, and Gaya, बाया baya or बया baya to the west, धोनार sonar in Patna, and केबाल keal or बनियाँ baniyan in Patna and the south-east. His fees are called severs hatwai or water hatwai north of the Ganges, and also us pachhua in Champaran and Tirhut. In Champaran and East Tirhut they are also सनन्पर manpai or सनन्पीचा manpaua. To the west they are चेयाद beyaï or पवडी pawahi (ई ser per maund), in Gaya and South Munger चाल- वा chālsa, in Patna and Champāran धुरिया dhuriya (1 ser per maund). and in the south-east केचाजी keālī or तीजार taulāi (one ser per maund). When grain is measured instead of being weighed, 16 cups (ver paila) of grain make one पाइन arha. In this system the crops are reaped under the supervision of both parties, and are gathered on a common threshing-floor (see § 879), and strictly watched by both parties. Threshing does not take place until all the crops of the village have been thus gathered. Neither party is allowed the use of the crop till the grain is threshed out, weighed, and divided. During the reaping period the tenant at the end of each day gets the gleanings of the field (witer lorha, &c., see § 878), and a fixed proportion of the gross produce (दिनौरा dinaura, &c., see § 874), which go as wages to the reaper. From the joint crop the village artisans and officials (carpenter, blacksmith, shoemaker, accountant, &c., see §§1193 and ff.), who have worked all the year round for both tenants and landlords, receive their perquisites. When the heap of grain is ready for division, the grain



The skin bag for drawing water (moti), as worked with hulkocks.

(Norg. - The photograph had necessarily to be taken from a great height, which throws the picture somewhat out Really the bullocks are going down hill and the receiving vat is level i of perspective

in Shahabad. In Gaya it is जारेर jaser or रहेर daser, and in Champāran, Patna, and the south-east जारा khambha or जारा khamba. Other names are हारी thunhi in Patna and Shahabad and रोजानी dokāni in the south-east. The cross beam is जेरा banrera in the west, and जारा balla in South-West Tirhut. In parts of Shahabad it is जाराड arāth, and in Patna and Gaya जार pāt. The branches in which the pulley works are जार kanna or जानी kāni, and the pulley axle जारा akhaut or जाना akhauta. Other names for this last are south-west Shahabad, and रोजा tona in Patna. The pulley itself is जारा gharāri to the west, also जारारी garāri to the north-west and in South Munger. It is जिराजी ghirni in Champāran and South-West Tirhut, Patna, Gaya, and South Munger, जारा gadda in South-West Shahabad, जुराजी ghurni in Patna, and जारारी makri in Champāran and to the south-east.

CHAPTER IX.-THE PATHWAY FOR THE BULLOCKS, &c.

941. The sloping pathway for the bullocks is पौद्र paudar, also द्वर dawar in Shahabad, वही bahi in Gaya, and स्वर dagar in Champāran, Patna, and the south-east. In South Munger it is also गोड़-पौर gorpaur. The portion above ground is पौद्र के माँच paudar ke mānth, or to the west मचार mathār. The portion below ground is खोरंचा khoinchha to the west. A yoke of well-bullocks is called मोटापा जोड़ी motha jori. Drawing water by cattle power is मोट पदापन mot chalāeb.

CHAPTER X.-THE WORKMEN EMPLOYED AT THE WELL.

942. The following labourers are employed at the well:—

The bullock-driver.—He is डंकन्या hankwa or डंकन्यार hanknihar; also परस्या pherha in Shahabad.

- 943. The man who empties the water-bag.—He is ex-fare dharnihār north of the Ganges, frait chhinua in South-West Shahabad, and सोड-डर्वा motdharwa in the rest of that district and in South Munger.
- 944. Both these men are called north of the Ganges with motwaha.

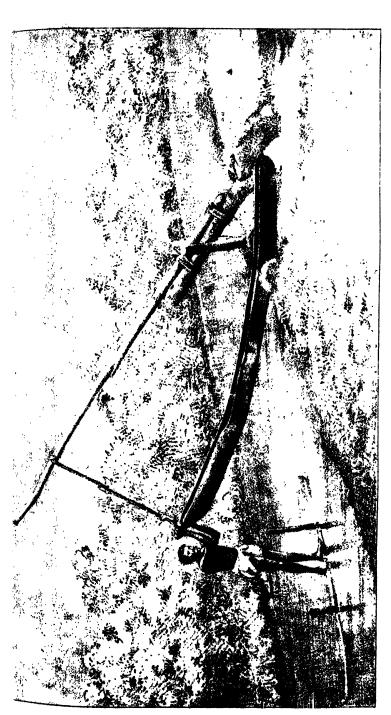
- 945. The man who distributes water in the field is called पनन्मोरा panmora or पनन्द्रमा panchhanna north of the Ganges. South of the Ganges he is बरन्याच barwāh in South-West Shahabad, नोरन्याच morwāh in the rest of that district, and वृद्धार khanruār in Gaya. He is also बरन्याचा kharwāha in Sāran and वृद्धारा khanrwāha in Patna.
- 946. The man who distributes the water with a spade has already been described in Chapter I of this subdivision.

CHAPTER XI.—THE PERSIAN WHEEL.

947. The Persian wheel is not used in Bihār. Its name, rahat, is however known in Patna.

CHAPTER XII.—IRRIGATION FROM TANKS AND STREAMS.

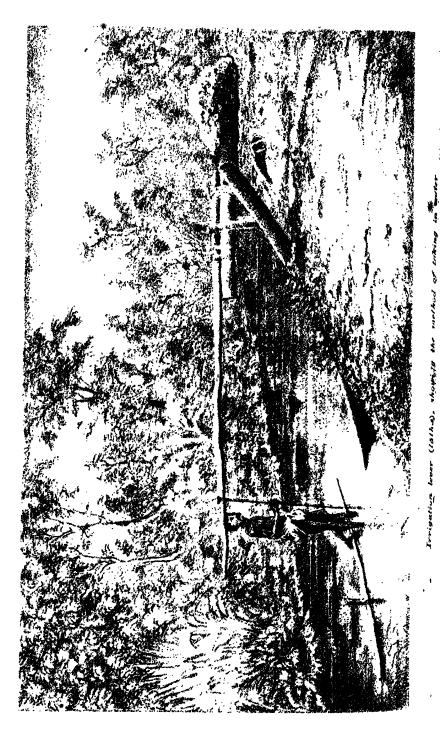
- 948. Water is raised from these either by the swing-basket or by the spoon-lever.
- 949. The swing-basket.—The swing-basket is generally चर sair to the west and चाँड chânr in Central and Eastern Bihār. In Tirhut it is also दोस dhos, in South-West Shahabad दोरा daura, in Champāran and Gaya चर sar, and to the south-east चन sain. The strings from which it swings are दोर dor or दोदी dori. The place where the men stand who work the basket is नोर्चोर gorpaur, or to the west पौधा paudha. In South Bhagalpur it is चेनार sainār. The men who work it are चरचार sairwāh, चाँड्वार chanriwāh, or दोस बार dhoswāh in the above-mentioned localities respectively. To work the basket is चर (चाँड or दोस) चनाप्य sair (chānr or dhos) chalāēb. In South Bhagalpur it is चेन चराप्य sain barāēb. The pit from which the water is lifted is चाँड्यार chariyār in Gaya and South Munger.
- 950. The spoon irrigation lever.—This is a long log of wood hollowed out like a spoon. It is so balanced that the bowl end is over the water to be raised. It is depressed into the water by the foot, and, rising by its own balance, discharges the water along its stem into the higher catch-basin. It is called and don to the west, and warm or water karing to the east. The man who works it is called and donwdh and account karinwah or account karingwah respectively. The place where he stands is a pautha in the west and water altmara in Tirhut.



Irrigation lever (tatha), encioung the method of discharging water



Water-lifting with the noing-basket (sair or chant).



CHAPTER XIII.—WATER-LIFTS AND OTHER TERMS COMMON TO IRRIGATION BY THE SWING-BASKET AND THE SPOON-LEVER.

- 951. The height to which the water is lifted is alex bodar in Saran and Shahabad, want anua in Champaran, and and gar in North-West Tirhut. South of the Ganges it is water charhão, water anaua in South-West Shahabad, and pate eghānw, &c., as follows.
- 952. When there are several lifts, the first reservoir is called है बरुद्धा thewka in the north-west, पदन्द्धा गार pahla gār in North-West Tirhut, ard कानर kānar in North-East Tirhut. South of the Ganges it is प्रजाना khajāna or प्रचान eghānw. Of this last there are local variants प्रचान eghāwa in Patna and प्रचाय eghāy in South Bhagalpur. The top of the lift is पदानी arāni to the west, and पीठा sītha in South-West Tirhut, Patna, and Gaya. The catch-basin from which the water flows into the field is कीया tītha to the west. It is also परन्दा parchha in South-West Shahabad, and केया वानी melwāni in Gaya.
- 953. When there are two or more lifts, the second from the bottom is दोषाँव doghānw, with a local variant दोषावा doghāwa in Patna. The third is तेषाँव teghānw, or in Patna तेषावा teghāwa. The fourth is दोषाँव chaguhānw, or in Patna दोषावा chaughāwa. These lifts are also called देखता theüka in South-West Shahabad. Thus दो देखता do theüka, तीज देखता tin theüka, &c. The raised bank between the two reservoirs is खाँवाँ khānwān in South-West Shahabad and तेष menr in the rest of that district. In Gaya it is पाँच pīnr, and in Patna चलक alang. In South Munger and Patna it is चाद्र āhar, and elsewhere वाँच bāndh or वाद् bānh.

CHAPTER XIV.-WATER-CHANNELS.

954. The channel which conveys the water into the field is generally us pain or use paini. In Patna, Saran, and Shahabad it is also used. In Tirhut it is use bah. To the west used nāri is also used. In the south-east and Champaran we find use dānr, and also (in South Bhagalpur) used. In North-East Tirhut used to the west used. In the south-east and Champaran we find used dānr, and also (in South Bhagalpur) used. In North-East Tirhut used kanwa, and in Patna and Gaya used kanwah, is a narrow branch channel leading from a use pain. A water-course generally is used.

naddi or (in South Bhagalpur) जही laddi, and its branches जारा bāha or (north of the Ganges) बचना bāhaa. In Shahabad चेर chher is a shallow spring of water, and its branches जिन्हर्सन nigrain. In Patna and Gaya भोजिया bhokila and देखा tanrua are small water-channels. The latter is smaller than, and is a branch of, the former. A turn in a water-course is मोरानी morāni in Patna and the north-west, and चुनान ghumān in Champāran and North-East Tirhut.

DIVISION V.

AGRICULTURAL PRODUCTS AND THEIR ENEMIES.

SUBDIVISION I.

AGRICULTURAL PRODUCTS.

CHAPTER I.—WHEAT.

- 955. Wheat (triticium vulgare or sutivum) is no gehuñ north of the Ganges. In East Bihār generally, however, it is non gahum. To the west it is also no gohuñ, and elsewhere south of the Ganges and in North-East Tirhut no gohum. In Gaya it is also not manda. Cf. § 823.
- The chief varieties are that munriya, a first-class beardless 956. wheat. In South-West Shahabad this is मंदिसन्या munrilwa, सङ्खा murla in Saran and Patna, and मुख्यी murli or मुद्धिया bhuñriya in दाचदी daudi or दौदी daudi in West Bihar, or to the south-west and in Gaya दोहिया daudiya, is an excellent white beardless wheat. In Tirhut it is known as जनाज जानी jamāl khāni. A white round-bearded wheat is known as दूषी dudhi or दुधिया dudhiya in South Tirhut, Patna, and South Munger. In South Bhagalpur it is प्राच्या pachrukhi. सम्बन्धा lalka in Shahabad and South-West Tirhut. देशी desi or देशिका desila, and इरन्ना harna or चॅरन्रच्या hañrrahwa, in the north-west, Tet hara in Tirhut, TETET harhara in South-West Tirhut, परन्या harha (Patna), वेबसन्या kewalha (Gaya), and जमानी jamāli or जमरिया jamariya to the east, are a small-grained red wheat. जन्मका lalka also occurs in South Munger. North of the Ganges दोगन्दा dogla is a mixed wheat composed of जमान चार्नी jamal khani and चारा hāra. बङ्गाइमा bargahuma in South-East Tirhut is a large bearded wheat. In Shahabad Ter renra means stunted wheat.
- 957. The germ of a grain of wheat is south of the Ganges 377 putti. When a grain of wheat germinates first, the sprout is called 3721 suiya or 3221 sūa; also 3321 ankurha to the north-west, and

कड़ी kanni in Patna. In North-West Tirhut it is डेप deph, and to the east डेफी dephi. The phrase used is दुरवा गैस suiya gail north of the Ganges, or डेफ निकास deph niksal in North-East Tirhut. To the west they say रेंड्ज बा renral ba or रेंड् गैल renr gail. In Gaya they say सचाल चारे है sua āwe hai, and in Patna कनियापन चार्व 🛊 kaniyāël āwa hai. When it has further sprouted, but has not yet taken firm root, it is प्रतन्ता putra. When the blade throws out shoots they are called feath dibbhi; also stat dābhi in South-West Shahabad, and દેંમી tembhi in Patna. When about six inches high it is called की चा लकान kaua lukān in Gaya, Sāran, and Shahabad, and कीचा अपान kaua jhapān in the south-east, both meaning sufficiently high to hide a crow. When it is cut unripe it is known as street horha. or (Tirbut and the South-East) sites or ha, and (optionally) in South Munger as चोल-चा holha. When the ear begins to form, they say रँडा भेल बा renra bhail ba in the north-west, मभा भेल वा gabha bhail ba in South-West Tirhut, and गन्द हा भेस खिं gamhra bhel achhi in the rest of Tirhut. In Shahabad they say दुधियाण्ड dudhiyāël. In Patna and Gava a similar phrase, or the phrase ग्दःराप्रच है gadrāël hai, is used, and in the south-east they say दुवें dudhailai. गदनापन yadrāël is also used in Tirhut. When the grain hardens they say it is very year habsāël in South-West Shahabad, बेसाएस kailāël generally; in Sāran and West Tirhut also নীবাচৰ gotāël, অধনবন্ধু adhpakku in Gaya, कैला नेल kaila gel in Patna, and कलाएल kalaël in the south-east.

958. The beard is ट्रॅंड tūnr or ट्रंड़ा tūnra to the west, and संघ sūngh or सँग sūng elsewhere. In South-West Tirhut it is सँड sūnr. The ear itself is बास bāl, except in North-West Tirhut, where it is बासी bāli; in South-East Tirhut, where it is चीच sis; in South Bhagalpur, where it is चीचा sisa; and in South Munger, where it is ट्रंग-बा tungna.

CHAPTER II.-MIXED CROPS.

959. Wheat and barley grown together are मोर्का gojai. A mixture of peas, gram, barley, or wheat, or any two or three of them, is called नेरारा terra in South-West Shahabad, गजर मधर gajar masar in the rest of that district, गजर बजर gajar bajar in Champaran, गजा बजा gaja baja south of the Ganges generally, and बटरा utra in Patna. In the north-west it is पेरा paira, in West Tirhut पेर pair, and in East Tirhut पोर paur or बिकारा bejira. Barley grown with the smaller pea (कराव kerão) is जी करार jau kerãi

- generally, also जो मटःरा jau matra to the west, जनेरार jakerāi to the south-east, and जब नेरःबा jab kerwa in North-East Tirhut. Other names are जुसदी नेराव kusahi kerāo in Patna and the south-east, कोसी kosi in South Bhagalpur, and चरःषोरःबा नेराव harphorwa kerāo in South-West Shahabad. बेर्न्स berra or बेर्स berai in Shahabad is barley mixed with gram, and the same is called जब बुद्दा jab butta north of the Ganges, and जो बद्दा jo butta in the south-east. जो खेसन्रा jo khesra is a mixture of barley and peas (खेसारी khesāri) in the south-east.
- 960. When there is a mixture of crops, the inferior one is called तरी turi when compared with the other. Thus in जी केराइ jau kerāi the small pea (केराब kerāo), being the inferior, is the तरी tari.

CHAPTER III.—BARLEY AND OATS.

- 961. Barley (hordeum vulgare) is जो jau generally. In the northeast it is जब jab, and in Patna and the south-east जो jo. North of the Ganges जो jai (also in Shahabad) or जनारी jantari are shoots of barley artificially grown and distributed by Brähmans at the festival of the Dasahra. In Gaya they are जनारा jawāru, and in Patna जेनी jainti. The prickly hairs on the ear are इंड tūnr in West Tirhut, Sāran, and Shahabad; इंडा tūnra or चंडा sūnrha in Champāran and Tirhut; चंडा sūnr in South-West Tirhut, and also जंडा sūngh or चंडा sūng in Patna and the east generally.
- 962. Oats (avena sativa) are called the sister of barley, and are hence named six jai or si jui.

CHAPTER IV.—RICE.

963. Rice (oryza sativum), whether as a crop or threshed but unhusked, is called भान dhān. When husked it is भाग chāir, but the flindi form भाग chāral has also been noted in Patna. Husked rice is of two kinds, viz. भागा arwa, which is not parboiled before husking and is caten by the higher castes, and the cheaper, which is parboiled before husking and is eaten by the lower castes. This latter is called भागा usina, भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda. Rice when partially husked is called भागा usna, or जोगाँग josānda.

South Bhagalpur होंको chhaunki. When rice is boiled to a mash, it is called बोल-इख golhath or गोल-इखी golhathi. In Gaya पिन्हता panihata is a dish made by adding water to the rice left from last night's supper. In addition to the usual names, जार lār, पोचार poār, &o. (see § 894), the long straw of transplanted rice is called मोरी पढारी mori petāri, or (in Champāran) पढाडी petāhi or (in Shahabad) पढाडी petārhi.

964. The varieties of rice grown in Bihār are very numerous, as is borne out by many proverbs, such as the following:—रजन्पत सो धान के सोर नाहिं है rajpūt o dhān ke or nāhiñ hai,—there is no limit to the clans of Rajputs or the kinds of rice; धान बामन के प्रके दास dhān bābhan ken ekke hāl,—rice and Bābhans are one and the same (in number of kinds). Rice may be divided into two broad classes, those which are sown at once broadcast and are called बावग bāway, बासोग bāwy, (in Gaya) बोगेड़ा boyera, or in Patna बोगःदा boyha, and those which are sown in seed-beds and transplanted, being called रोप rop or रोपा ropa or (in Gaya and Patna) रोप-दा ropha. At the same time it should be noted that practice varies with locality, and that a kind of rice which is बावग bāway in one place may be रोपा ropa in another.

A.-RICE THAT IS SOWN BROADCAST.

965. (1) चाडी sāthi.—This is a red rice, and ripens in sixty days from sowing, as in the proverb—

चाठी पाके चाठ दिन, बरम्बा होखे रात दिन.

Sāthi pāke sāth din, Barkha hokhe rāt din.

-Sāthi ripens in sixty days if it rains night and day.

In the east it is also called ন্সংবী gambleri or নৰুবী gamber. It is sown in the month of Jeth (May-June), and is cut in Sāwan (July-August).

- (2) सोकना sokna (north-west).—This is sown with the first fall of rain in Jeth (May-June), and is cut in Bhādoñ or Āsin (i.e., in September). This crop is also called भदेशा bhadaiya.
- (3) The following are sown in Phagun (February-March) and Chait (March-April), and are cut in Aghan (November-December). The names were principally

collected in *East Tirhut*, and unless the contrary is specially stated do not apply elsewhere:—

- (a) चकाल बीर akāl bīr. (In Sāran चकाल गौर akāl gīr, and in North-East Tirhut also काला गौर kāla gīr.)
- (b) उज्ञान ujāgar, or in Sāran जागर jāgar, which name is also current in North-East Tirhut.
- (c) चनावक chanābak.
- (d) भाजन्मरञ्द्र jhalmardan.
- (e) इरमी darmi (also known in the north-west).
- (f) देसरिया desariya (Tirhut and Champāran). In Sāran it is called जमरिया jasariya).
 - (g) पौचर pichar.
- (h) विकार belaur (also known in the north-west).
- (i) भाँरिन bhantin (Saran).
- (j) মঘ-ৰত bhaislet (also known in the north-west).
- (k) ভাঁজী lānji (Sāran).
- (1). सनिर्धा satariya (Sāran).
- (m) साहित sāhil (Sāran).
- (n) चिंगन्दा singra.
- (o) सोब्ब्स sobra.

Champaran. The following (also East Tirhut) are sown in Jeth (May-June). They are sometimes sown broadcast and sometimes transplanted:—

- (a) धुक्रती dhusri (also known in Champaran).
- (b) **बस्तर** bastar.
- (c) राम द्वारी rām dulāri.

966. In South-West Shahabad the following kinds of rice are sown broadenst:—

- (a) কেন্দা karnga \ Two kinds with a black grain (also known
- (b) करंगी karnyi) in Säran).
- (c) কংশ্বনী karhanni, a small black grain (also known in Sāran).
- (d) wier khātin, a coarse kind.
- (r) चचन्देर्या sahdeiya, a red kind.
- (f) चाडी sāthi. See above.

(g) বিহা serha, a small black and white grain. Like the বারী sāthi, it ripens in sixty days. The South-West Shahabad version of the saying already quoted is—

सेंडा साठी साठ दिन, जेंव देव बरन्से रात दिन

Serha sāthi sāth din, jemw deb barse rāt din.

-Serha and sathi take sixty days if it rain night and day.

In the rest of Shahabad the following kinds of rice are sown broadcast:—

- (a) पनन्सारी pansāri.
- (b) सुरंभीकर bhuinsikar.
- (c) मैंगा munga.
- (d) रोम करण्डनी rām karhanni.
- (e) राम दुजारी rām dulāri.
- (f) चाहिल sāhil.
- (g) **चिरन्डग** sirhant.
- 967. In Gaya sowing is done in the month of Akhār, in the lunar asterism of Aradra (June-July). About this asterism (ज्यार nachhattar) and the two following ones the following rhyme is current throughout Bihār:—

. चरदरा घान, पुनरवस पैया गेब, किसान, जे वोए चिरेया

Aradra dhān, Punarbas paiya, Gel, kisān, je boe Chiraiya.

-Paddy sown in Aradra turns into plenty, sown in Punarbas to chaff, and sown in Chiraiya (or Pukh) it turns to nothing.

The paddy is generally cut in the month of Pus (December-January).

Amongst the kinds of paddy sown broadcast in this district are-

- (a) प्रदन्ती edli.
- (b) कतिका katika,—cut in Kātik (October-November).
- (c) ক্ষাৰহা kanbada.
- (d) करण्डा karhanni.
- (e) जोंगा jonga.
- (f) भेंदरगा jhanrga.
- (g) धुमन्दा dhusra
- (h) **TETT** ratua.
- (i) सन्देर्वा laldeïya.

- (j) चोडःरा lohra.
- (k) चिर्च्छी sirhatti.
- 968. In Patna on the first fall of rain, which generally takes place in the asterism of Rohni, in the month of Jeth (May-June), the sowing is commenced. Paddy which is sown broadcast is divided into two classes—a red, which is considered superior, and is called and lulyondiya, and a black, which is considered inferior, and is called and the standard kara bogha. The former kind includes accept karhanni as the principal. The ear is black.
 - 969. In South Munger the following kinds are sown broadcast:-
 - (a) चनान ajān, a white variety.
 - (b) morel kajri.
 - (c) a così karhanni. See above.
 - (d) चिरःद्भ khirdant.
 - (e) चगन्दा chhagra.
 - (f) जौगा jauga.
 - (g) ঘল-ঘাতা pansāha (a coarse red kind).
 - (h) बुढ़-वा burhwa.
 - (i) राँगी rangi.
 - (j) परित्र sarihan, a white variety.
 - (k) चिरन्द्रशै sirhatti.
- 970. In South Bhagalpur the following kinds are sown broad-
 - (a) कवारन्वरो kajargharo.
 - (b) बोचन्सा gohma.
 - (c) चाँग chāng.
 - (d) जोंगा jonga.
 - (e) दुरुवर dudsar.

B .- RICE THAT IS TRANSPLANTED.

971. This rice is generally sown with the first rains in Jeth (May-June). It is transplanted in Sawan (July-August). In Patna the custom is to commence transplanting on the 5th of Sawan, after holding a festival, called an akpancha, or the "fifth of the asterism (and nakhat)." The regular harvest is held in Aghan (November-December). Before this, however, some is cut for the ceremony of and fully bisun pirit (called in Saran fagastur bisunatiya), at which Brahmans are feasted on the new grain.

972. The following kinds of rice are transplanted in Tirhut:

- (a) Tranga, a black bearded kind.
- (b) कनक और kanak jir (East Tirhut).
- (c) कमोच kamoch, a black kind grown in North-West.
- (d) करन्मा karma, a long black kind (Tirhut).
- (e) मुझ्या gahuma, a red flat kind grown in North-East Tirhut.
- (f) জনক্লিছিয়া jugarnathiya, a similar kind grown in North-West Tirhut.
- (g) হুঘ-বেজ dudhrāj, small and white.
- (h) निच्या nanhiya (East Tirhut).
- (i) बहरनी baharni (North-West Tirhut) or बहारनी baharni (North-East Tirhut), a long white variety.
- (j) भास गरी bhal sari.
- (k) समस्दी manasri, a red variety (also known in Sāran).
- (1) मास भोग māl bhog.
- (m) रमुनी ramuni (also known in Sāran).
- (n) ज्ञान देऱ्या lāl deïya, or in Sāran जन्देऱ्या laldeiya, a red variety.
- (o) ধ্বিছৰ sarihan (north of the Ganges generally), sown in Baisākh (April-May) and cut in Sawan (July-August).
- (p) বিজ্ঞান্ত silhat, with a black husk but white grain.

973. In South-West Shahabad the following are transplanted:

- (a) जलन्दोर jalhor, possesses a fine grain.
- (b) केंगी jhengi, a white variety.
- (c) दुध-काँड़र dudhkānrar, white.
- (d) बांचन्मती bāsmati, a superior white variety.
- (e) बैतर्नी baitarni, a reddish kind.
- (f) भेड़-कावर bhenrkābar, a coarse red kind.
- (g) मांच देवी māl dehi, a fine-grained variety.
- (h) सुदुनी mutuni, white.
- (i) रमञ्जूषा ramjūa, fine.
- (j) ৰা নাৰ্যা longchura (a black and very fine variety).
- (k) विरी केवल siri kebal, white.

974. In the rest of Shahabad the following are transplanted:-

- (a) यनकः जीरा kanakjira.
- (b) द्वारा dulahra.
- (c) रोजभी dolangi.

975. In Gaya the following are transplanted:-

- (a) कमन्दा परन्साद kamla parsād.
- (b) मञ्जन्पना gujpatta.
- (c) यु**ड**न्स gudra.
- (d) गोखुच पूच gokhul phūl.
- (e) मौपास भोग gopāl bhog.
- (f) डाकुर भोग thakur bhoy.
- (g) दुध-गिलास dudhgilās.
- (h) धनीवा dhaniwa.
- (i) नौ घारा nau dhāra.
- (j) वकोद्या bakoiya.
- (k) बतास फेनी batās pheni.
- (l) बतामा batāsa.
- (m) बन्दाँटी branti.
- (n) बांचन्मती bāsmati.
- (o) साधःवा mādhæa.
- (p) सरन्धी murdhi.
- (q) चाच केंचर lāl kesar.
- (r) साम जीरा sām jīra.
- (s) स्त्रगा पद्धी süga pankhi.
- (t) सेल्हा selha.

976. In Patna the following are transplanted:

- (a) वसन्मतिया basmatiya.
- (b) सफोद sapled.
- (c) सिया siyah.
- (d) **चेल्हा** selha.

977. In South Munger the following are transplanted:-

- (u) चनार कनी anār kali.
- (b) **कञ**•री kajri.
- (c) कचन चूर kanchan chūr.
- (d) बारी बाँब kāri bānk.
- (e) गञ्जन्यती gajpati.
- (f) तुलन्धी फून tulsi phul.
- (g) इोलन्मी dolgi.
- (h) बांचन्मती bāsmatr.
- (i) लुपन्धी lupdhi.
- (j) चित्ती चार sits sar.
- (k) चेन्द्रा selha.

978. In South Bhagalpur the following are transplanted:-

- (a) ৰূপৰ পুৰ kanak chūr.
- (b) कमोदी kamodi (a sweet-scented variety).
- (c) गोखुस सार gokhul sār.
- (d) दौना फूल dauna phul (a sweet-scented variety).
- (e) बाग नर bāg nar.
- (f) बाँच फूल bāns phūl.
- (g) बांसन्मती bāsmati.
- (h) बासा पसिन bāsa pasin.
- (i) मनन्परा mansara.
- (j) रमनिया ramaniya.
- (k) राम दुसर rām dullar.
- (l) इमन्दा hamcha.
- 979. Of all the above rices, the most esteemed is धाम जीरा sām jīra. It is a fine kind, and when cooked its fragrance fills the house. The next best is बांचन्सती bāsmati or वसन्तिया basmatiya, which is not quite so fine as the first. चेन्हा selha may be considered as the third best.

C .- OTHER MISCELLANEOUS KINDS OF RICE.

- 980. Fit boro is a poor kind of rice sown in Asin (September-October) or Kātik (October-November) in the mud on the banks of streams and lakes. It is transplanted several times in Pūs and Māgh (December, January, and February). Tirhut) at jhar or in (Sāran) atta jhāran is rice which has fallen from the sheaves when reaping, taken root, and grown next year.
- 981. Rice-lands.—Land which has been under a rice-crop is घन-घर dhanhar, धन-छत्त dhankhet, or धन-छत्ती dhankheti. It is also धन-घर dhankhar in Shahabad, धन-कियारा dhankiyāra in Gaya, and धन-घर dhanha in Patna. Fresh waste land ploughed up for rice sowing is खिल-मार khilmār; also नवाद छत्त nawād khet north of the Ganges, and नोजीस naukhil in Gaya. In the south-east it is चिल-कड khilkat or चिल-कड़ी khilkattie To dig it in order to make it fit for sowing is चीस कोइव khil korab or खीस तोइव khil torab. The preparation of a rice-field is काइने (or कड़-वा) करव kādo (or kadwa) karab; also खेन चरव leo karab in.

Saran, and were masah karab in Champaran. A man who cultivates rice is water dhanha to the west.

982. Seedlings.—A nursery for rice seedlings is विदार birār or विचार biyār. In South-West Shahabad it is चेता benga. The seed is बोचन bihan, विद्याद bihnāi, or बोचा biya, and the same words are also used for the seedlings of any crop; but the seedlings of rice are specially called बोदो mori south of the Ganges and to the west. They are also called बादो jaraā in Champāran. The bundles of rice seedlings ready for transplanting are चाँटी ānti or चाँटिया antiya north of the Ganges and in the south-east, and the quantity transplanted at one place is everywhere except to the south-east बाब bān. Seedlings of बोदो boro rice which have been transplanted once and are again transplanted are called in North-East Tirhut चाद khāru or चादान kharuhān. For fuller information concerning seedlings and transplanting, see 855 and ff.

CHAPTER V.—INDIAN CORN OR MAIZE.

- 983. Indian corn or maize (zea mays) is सकर makai or सकेषा makaiya. It is also called जनेरा janera in the west and जिनोरा jinera in Patna, which names ought properly to be applied to the large millet (holeus sorghum). The stalks are उद्धा dhattha to the west and उद्धा thathera to the north generally. In South Bhagalpur they are उद्धेरो thathero, and elsewhere दाँड dānt or दाँडो dānti. The broken stalk is ज्येर lathēr in the North-West and West Tirhut, and नियास nighās or नियस nighēsa in East Tirhut. No special name for this has been noted south of the Ganges.
- 984. When the grains begin to form, but are not yet fit for eating, the ear is called सदा sancha. The unripe ear is द्वा duddha to the west generally, and also दोषा dodha in Shahabad. Other names are विद्या khichcha or सज्ज aju in Tirhut, दुधानीह dudhghottu in Gaya, दुदा मन्द्र duddha makai in Sāran and Patna, दुधानीहों dudhbhoro in South Bhagalpur, and देनावमान्दा dantkamra in South Munger. When ripe it is सुद्रा bhutta or बाज bāl. When the seeds are ripe and hard, and not fit for eating, it is called स्वान्दाद pakthāil. The roasted ear is स्वान्दा horha generally, and also सार्वा orha to the east. The empty cob after the grain is beaten out is सद्दा lenrha generally; also नेदा nerha in East Tirhut and सद्दी lenruri in Shahabad. In Patna and South-East Tirhut an optional name is सद्दी baluri, and South-East

Tirhut and South Munger and balri. In South-West Shahabad the word used is and in khukhuri or after khonkhri, and in South Bhagalpur va haddi. The grain beaten out is alter gota or alte got. An ear with no grain in it is called भोराष bhorah or भोरः इर bhorha north of the Ganges. When it contains only a few grains it is called पदागोदिया pachgotiya. The hair on the ear is अधा bhūa to the west: also च्या ghūa in South-West Shahabad. In Champāran and Gaya it is called सन san. In Patna it is मौंक monchh; in South Munger, मोका mochha; in Tirhut and South Bhagalpur, मोच moch or मोचा mocha. It is also called केंगी kesi. The sheath of the cob is खोदया khoiya to the west, and बल-खोद्या balkhoiya or बोक-का bokla generally. In Champaran another name is चलन्चोद्या khalchoiya, and in South-West Tirhut बलन्को balko or कोसा kosa. In East Tirlut it is बॉरॅंचा khoincha, in South Munger पतीरा pataura, and in South Bhagalpur पोची pocho. The male ear is called धनन्यास dhanbal or धनष्टना dhanahra.

CHAPTER VI.—THE LARGE MILLET.

- 985. Large millet (holcus sorghum or sorghum vulgare) जनेर janer or जनेरा janera generally. A variety of it is called महिर्या जनेर masuriya janer to the west to distinguish it from maize (zea mays, see last chapter). So also it is called मन्दिया जनेरा nanhiya janera in East Munger. Local names are गडमा gchuma and जोचारी jonhri in Sārau, जिनोरा jinora in Patna and Gaya, and गडमा gahuma in South Bhagalpur. Amongst its varieties may be mentioned a large red kind grown in Shahabad, called जॉधरी jondhri. This is called विसुचा गडमा sisua gahuma in South Bhagalpur. A similar red kind is called TA-91 raksa or रकारी raksi. This millet is little grown south of the Ganges. The only other kind noted there is a bajra, which is described as a dwarf white variety (see however \$ 987). North of the Ganges दुधिया dudhiya, or (in South Tirhut) खरन्कटिया larkatiya or नर-कटिया narkatiya, is a dwarf white variety. The following also occur north of the Ganges:- अखरिया jhalariya, of which the head bends down, and which ripens late. जैटी jethi in the north-west is a kind sown for fodder. A kind with two grains in one husk is called गुज्जा genhuān.
- 986. The stalks cut up for fodder are edit dhathera or est dhatha to the west, and edit thather or edit thathera to the east. When the

young plant first germinates it is चेंद्वरा ankura, and the young plant is दिसी dibbhi or डोमी dibhi. The ears are बास bāl, or in East Tirhut optionally बीस sīs. The large stack of the stalks cut up for fodder is nाँज gānj to the west and टास tāl to the east. Local names are दिसार khamhār or काँड़ kānr in South-East Tirhut.

CHAPTER VII.—THE SMALL BULRUSH MILLET.

This millet (holcus spicatus or pencillaria spicata) is unit bajra in Sāran. South of the Ganges it is sometimes incorrectly called मसुरिया जनेर (or in Patna जिनोरा) masuriya juner (or in Patna jinora), which is properly a different grain, a variety of the large millet (holcus sorghum ; see § 986). In South West Shahabad it is जॉधरिया jundhariya, and in South Bhagalpur गृहमा gahuma. Just as the large millet is grown principally north of the Ganges, so this millet is grown almost entirely south of it. Hence there is great confusion in their names. The following terms relate exclusively to South Bihar:-The stalk is siz dant or siz danti everywhere; also est diattha in Shahabad and soit thathero in South Bhagalpur. The first shoots of the plant are wight ankhua or the sua; also chartibling in South Munger and सर्वा suiya in South Bhagalpur. To throw out shoots is স্বাচৰ ankhuāëb or মুখাচৰ suāëb. When the ear begins to show itself the phrase used is जलन्दात वा lulhat ba in Shahabad, रेंद्रा भेज है renra bhel hai in Gaya, जदम्बदा रहल है lahlaha rahal hai in Patna, खड़ा गेल ara gel in South Munger, and इसन्दर्भाइके halhalāichai in South Bhagalpur. When the heads are blighted and grainless, they are gust thuntha in South-West Shahabad, was banjhar in the rest of that district and in West Tirhut, बाँड banr in Gaya, हुड़ा thuttha in Patna, and मुड़िया mariya in the south-east. The fluffy flowers are ETTT ghompa in South-West Shahabad, जावा jāwa in South Munger, and फुलन्की phulko in South Bhagalpur.

CHAPTER VIII.—THE SMALL MILLETS.

988. These are-

(1) Panicum Italicum.—This is टॅगुनी tanguni to the south-west and in Sāran, and टॉगुन tāngun in Sāran and Gaya. Elsewhere it is कौनी kauni, or in South Munger optionally काउन kāün.

- 989. (2) Panicum mileaceum.— साँवाँ sāñwāñ or सावाँ sāwāñ. In Tirhut it is also सामा sāma, and in South Bhagalpur समा sama.
- 990. (3) Eleusine coracana.—This is the most important of all the millets, forming the staple food of a large portion of the population. It is महुशा marua or महुशा manrua. The empty dry ears after the grain has been taken out are डाँटी danti north of the Ganges; also कडुचा katua in North-East Tirhut, मोही morhi in South-East Tirbut, and gail putti in South-West Tirbut. In South-West Shahabad they are eiges kholri, and in the rest of that district भूगी bhūsi In Patna and Gaya they are भूसा bhūsa or चंखा-कोर्या khalkoïya, and in the south-east they are ससा bhussa. The stalks are नेदचा nerua or ब्रेड्डा lerua to the west, and खार lar to the north-Another word current to the north-west is दद्वा dhattha. In Patna they are नार nār, in Gaya नारा nāra, and in the south-east जन्मा larua or नन्या narua. In Gaya and the west ets danth or ets dant or with danti is also used. The green ears roasted for food are जम्मी ummi or जमी umi to the west and in Tirhut, and जनी uni in Champaran. When cut somewhat riper, but not quite ripe, and then roasted, they are sites horha generally, and street orha in Tirhut and to the east. They are optionally state holha in Champaran and South Munger. In Shahabad they are wind habus, and south of the Ganges generally बुँचन्नी ghunghni or चुचन्नी ghughni. This being an important food-crop, there are many popular sayings concerning it. The following may be quoted:-

जब सङ्घाचा के गाडी भरू। धिया पुता चुख चुख माडी भेडा॥ जब सङ्घामें बाल भेडा। धिया पुता को गाल भेडा॥

Jab marua a ke gāchhi bhel, Dhiya puta sukh sukh māchhi bhel. Jab marua meñ bāl bhel, Dhiya puta ke gāl bhel. PULSES. 227

—When the marua began to sprout, the children dried up like flies (i.e., their food had been used for seed-grain); but when the marua came in the ear, the children got (fat) cheeks.

मझ्चा भीन चीन सङ्ग दची। कोदो के भात दूध सङ्ग सची॥

Marua mīn, chīn sang dahi, Kodo ke bhāt dūdh sang sahi.

-Marua should be taken with fish, china with tyre, and milk with kodo.

कोदो मङ्चा चन नर्षि। जोसन्दा धुनिया जन नर्षि॥

Kodo marua an nahiñ, Jolha Dhuniya jan nahiñ.

- -Kodo and marua are not really food-grains, (i.e. they are despised as poor men's food), just as weavers and cotton-carders can never be cultivators.
- 991. (4) Panicum frumentosum.—This is विद्या chinna or चीना chīna, local variants being चीन chīn in East Tirhut and चीच chīnh in South-West Shahabad. It is of two kinds in Sāran,—गौरिया gauriya and रकःचा raksa. The grains when boiled and then parched are called माहा mārha or माँहा mānrhu, or in East Tirhut माइ mār.
- 992. (5) Paspalum frumentaceum—This is कोदो kodo. In Shahabad a smaller variety is called कोदर् kodaī.
- 993. Miscellaneous.— सकरा makra (eleusine agyptica), a kind of grass of which the seeds are eaten. In the North-Western Provinces this name is applied to eleusine coracana, but not in Bihār.

CHAPTER IX.—PULSES.

994. Among the pulses are-

(1) Cytisus Indicus or cajanus.—This is বেৰ rahar or বেলনী rahar.
In North-East Tirhut it is also called বৈশ্ব rahar, বাৰবি
rahari, or বাৰব rahar. The dry stalks are ব্টুৱা rahetha

north of the Ganges, or the rahath or the rahath in East Tirhut. South of the Ganges we have star haretha or ttar raretha (also used in Tirhut) in South-West Shahabad, रहारें rahretha in the rest of that district, रहारें डा rahraitha in Patna and Gaya, जार रेडा lahraitha in South Munger, and बरेडो laretho in South Bhagalpur. The pods are देही dhenrhi generally, and इसी chhemi also north of the Ganges and in Shahabad. To the East they are also कीमिंद् chimari or किस-दी chhimri. In Gaya they are also चीमी chhimi, in Patna दिखी dindi, and in South Munger होंडी dinri. The stalks used for fodder are भूस bhūs or मूचा bhūsa; also कहचा katua in Patna and कहची kutuo in the south-east. This and other pulses when sprouting are known as डिकी dibbhi or डीभी dibbi, except in the north-east, where they are गाव gāchh. Bread made from this pulse, gram (ब्ट bunt), and phaseolus munyo (मुङ्ग mung), is called जिही litti or रोडी roti north of the Ganges (both these words being general terms for bread made from any grain), भगरा bhabhra in Patna and Gaya, and चितावा chitawa in South Munger. बरी bari is a kind of round cake or fritters made similarly.

- 995. (2) Phaseolus mungo.—This is सुङ्ग mung or सूँग mūng. In North-East Tirhut it is also called सँचा सूँग mañha mūng. The pods are called the same as those of cytisus cajanus (रचर rahar). The stalks used for fodder are भूगारा jhengra in Sāran, Gaya, and South-West Tirhut, भार jhār in Champāran and North-West Tirhut, चाँड dānth in North-East Tirhut, and गाच gāchh, भागाड़ी jhamri, or भूग jhāng in South-East Tirhut. South of the Ganges they are भूग bhūs or भूग bhūsa; also कहचा katua in Patna and कहचो kutuo in the south-east.
- 996. (3) Phaseolus roxburghii or phaseolus radiatus.—This is चरिद्र
 urid or (south of the Ganges optionally) चरन्दी urdi.
 In East Tirhut it is also called कचार kulāi, करार kurāi,
 or माम कचार mās kalāi. There are several kinds, e.g.,
 चोमा doma (East Tirhut), which bears in Pūs and
 Māgh (January); चरन्दी lurhi (Sāran and South West
 Tirhut), नरन्दू narhu, नरन्दी narho, चरन्दी lurho or चमन्ती
 usni (Tirhut), or चमन्द्रस्था aghanua (Sāran, Cham-

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pāran), which bears in Aghan (November-December); त्रेपकी tepukhi (Sāran and South-West Tirhut) or कतिका katika (elsewhere north of the Ganges), which bears in Kātik (October-November); and महन्त्री bhadwi (South Munger), which bears in Bhādoñ (August-September). Another division is into black and green varieties. The black varieties are हजा danga (North-East Tirhut), कारो kāri, करिया kariya (Shahabad and the southeast), काला kāda in Gaya, and रियाह siyāh in Patna. The green kinds are तुलानुकी tulbulli in North-East Tirhut, हरियह hariar in Shahabad, हरूरा harra in Gaya, and एका sabji in Patna. The pods are हही dhenrhi, केसी chhemi, &c., as above.

- 997. (4) Phascolus aconitifolius.—This has only been noted south of the Ganges. It is generally called मोथ moth. A smaller variety is मोथी mothi. The stalks used for fodder are भूम bhūs, कहुआ katua, &c., as above.
- 998. (5) Errum hirsutum (one variety) or cicer (or vicia) lens (another variety).— This is मद्धर masur or मस्री masuri.
- 999. (6) Miscellaneous.— कुरन्थी kurthi (dolichos biflorus), खेसारी khesāri (lathyrus satica),* भेंट bhent or भेंटन्याँस bhent-wāns, खेत मास khet mās or खेत मास khet māsu (North-East Tirhut), which is apparently a variety of phaseolus radiatus, भिरंगी bhirngi (a kind of wild pulso eaten by the poor), and (Shahabad) खतन्री latri.

तुस्क तारी, बैल खेंसारी,

Turuk tāri, bail khesāri. Bāman ām, Kāyath kām.

^{*} It is unwholesome for human beings, but bullocks cat it greedily, e.g., in the saying—

⁻Toddy is necessary for a Musalman's happiness, khesari for a bullock's, mangos for a Brahman's, and employment for a Kayasth's.

CHAPTER X.-PEAS.

- 1000. Peas (pisum sativum) are of various kinds. The large variety is सहर matar, or in South-West Shahabad सखर mantar. A smaller variety is देशव kerāo. This is often sown with barley, when the mixed crop is known as जो केरार jau kerāi, &c., see § 959. The principal varieties are कविजो kabili (north of the Ganges) or कवन्सी kabli (south of it), which is a large white kind. It is also called घवन्सी ghebli in South-East Tirhut. North of the Ganges स्वन्य sugwa is a small green variety. Another kind is known as बजारी bajri in Champāran. बढरी baturi in Shahabad, and कुम्सी kusahi in Patna, Gaya, and the south-east, is a small black variety. In South Bhagalpur it is called भिटन्यरा bhithyara. Another variety is द्वनिच्या dabliya in South-West Shahabad, स्वच केराव dabal kerāo in the rest of that district, and दोवन्सी dhābli in Patna.
- 1001. When the plant first appears above ground, it is called four dibbhi north of the Ganges and in Shahabad, but in the south-west of the latter district it is डाभी dābhi. In North-East Tirhut it is also called माकी gāchhi. In Gaya and Tirhut it is जाकरा ankura, in Patna and Tirhut अंद्रशा ankhua, in South Munger कनः सी kansi, and in South Bhagalpur next gajur. When the pod appears, the phrase is to the north of the Ganges पटा सामन बा pata lagat ba, or a similar phrase In South-East Tirbut they say that the plant is very patäel or very patra. In Shahabad they say it is गदन्दाप्रस gadrāël; in Gaya and South-West Shahabad they say देंदी लागल है (or बा) dhenrhi lagal hai (or ba); and in Patna डिप्टी सामस है dindi läyat hai. The pod when fully formed is ढँढी dhenrhi, कीमी chhimi, केमी chhemi, or किमःदी chhimri to the north, and दिखी dindi to the south. In South Bhagalpur it is देंड़ी dhenri. The unripe pods are गाद yād or गादा gāda, and when used to make a pottage they are called azzat batkar in South-West Shahabad. The young shoots are also used for pottage. These are called north of the Ganges साम sag or भाजी bhaji, the latter principally to the west. When cooked to a soup it is called viv parch, and in Patna and Gaya भोर jhor. In South Munger they are चन्दा chanda, and in South Bhagalpur महन्दी साम matro sag. The young shoots cooked with pulse are called दस्या dalpainta in South-West Shahabad, and इन्डचमा dalsagga in Patna, Gaya, Saran, and the south-east.

CHAPTER XI.—GRAM.

- 1002. Gram (cicer arictinum) is बूँड bunt generally. It is also called चना chana in Saran, बेदाम bedam in East Tirhut, and रिच्चा rahila* to the west.
- 1003. नोनी noni or सटाइ khatāi is the oxalic acid and acetic acid which form on the leaves. In Shahabad पीयर piyar is a kind of which the grain is yellow pointed, and बूँडो būnti, or in Patna चनी chani, is a smaller variety. Another small variety is बहुरी baturi in Shahabad.
- 1004. The young shoot as it first appears above ground is said to be सद्याद्य suïāil. In East Tirhut they say of it खर फॅन ख न के का phenkalkaik. The shoot is called TH dabh in South-West Shahabad, and faul dibbhi in the rest of that district. In South Munger it is East tibbhi, and in South Bhagalpur गम् gajur or स्था sua The young leaves used as pot-herbs are known as चान sag or भाकी bhāji, the latter principally in the The pod is डॅंड्री dhenrhi generally, also कीमी chhimi north of the Ganges. Another name is कीमंदि chhimari or किमन्दी chhimri in East Tirhut. In Patna it is ferst dindi, and so also in South Munger. In South Bhagalpur it is देंद्दी dheuri, and in South-East Tirhut optionally डोरी diñri. The unripe pods are कचरा kachra, and elsewhere and kachri. When the gram appears in the pod, the verb used is nearly andraëb. The plant is then called in South-West Shuhabad uzial patki, and in the rest of that district चटाकोडा chatkoha. In Gaya the phrase is चिहरा लागन है chitura lagal hai, a particular controller to the control of the contr

ण्डि रहिला के पूरि कर्ना रौ प्रेड्डिना के दाल। प्रेड्डिना के केली खिरवरा, बहुत मोटें के गाल ॥

Ehi rahila ke püri kachauri, Ehi rahila ke dül ; Ehi rahila ke kailiñ khirawara, Bahut motailen gäl.

^{*} E.g. in the song-

⁻I made this gram into pūri (thin bread fried in clarified butter) and cakes into pottage khirawara (cakes of rice-flour prepared in hot water), and my checks got very fat.

and in Patna चंद्रा धरिस है chatta dharis hai. The husk of the gram is बल्खा balukha in South-East Tirhut; elsewhere it is सुसा bhussa, सुँग bhūnsa, or सुग bhūsa. Gram injured by rain is मरास्थ marāil, in Sāran मंद्रस galal. In Tirhut it is मार्च गेल māral gel. South of the Ganges it is पनःचाम् patlaggu or पनःचामा patlagua, except in South-West Shahabad, where it is चनःचा uktha, in South Munger द्वियाण्ड dahiyāël, and in South Bhagalpur दिश्यास dagiyāl.

CHAPTER XII.—SUGAR-CANE.

1005. Sugar-cane (saccharum officinarum) is known generally as जब ûkh or जब ûkhi. In Tirhut, Patna, Gaya, and South-East Bihar a more general name is नेतारी ketāri. In North-East Tirhut it is also known as कुश्चिर khusiyār. Among the varieties are—

great kusihār (south of Ganges), a dwarf hard variety.

केतार (Gaya and the south-east), केतारा ketāra (Patna), केवानी kewāli (Sāran), केवानी kewāli (Shahabad), रींदा raunda (South Munger), a tall thin variety. Ripens in Kātik (October-November).

नेवाडी kewāhi,—see नेतार ketār.

चिनिया chiniya or चिनियाँ chiniyan, which is a soft, large, whitish cane. Good for eating in Phayun or Chait (March). It is called पनन्यारी pansāri in Gaya and Shahabad, पनन्याची pansāhi in Sāran, and also पनन्याची panchhāhi or पँचिया pansahiya in the south-west of that district and in West Tirhut. In South Bhagalpur it is called पीँड़ी paunri.

नरन्गोरी nargori (North Bihār),—see वरीँखी baraunkhi.

पिंचारी pachhiyāri,—see पोँड़ा ponrha.

पन-कारी panchhāhi, पनन्मारी pansāri, पनन्सारी pansāhi,—see चिनिया chiniya.

पाँडा ponrha (west), पाँडा ponra (Patna and Gaya), पश्चियारी pachhiyāri (South Bhagalpur), a tall, stout, juicy variety.

पीँड़ी paunri,--see चिनिया chiniya.

बरींखी baraunkhi (Sāran), बर जख bar ūkh (South-West Tirhut), or बरनोरी nargori (North Bihār generally). This is thin, with a reddish bark. The juice is sweet and thick.

सुर**ंडी** bhurli (North-West Bihār and West Tirhut), a very thick short cane, full of juice. Fit for eating in Baisākh (April-May). समस्तो mango,—a small, hard, red cane,

र्वन्हा renura (North-West Bihār and South-West Shahabad) or सकरन्त्रीनी sakarchini (Patna and Gaya),—a yellowish kind, not good for eating.

रींदा raunda,—see नेनार ketar.

स्तारी हो lalgonri,—a tall, red variety.

सकर चीनी sakarchini,—see रॅंबन्डा renura.

सादी sāhi (South-West Tirhut), - a dwarf variety.

इयुनी hathuni (Sāran and West Tirliut),—a moderately thick variety.

1006. A cane-field is to the west जलाँव ukhāñw or जलारी ukhāri. Elsewhere it is simply जख (or केतारी) के खेत ükh (or ketäri) ke khet. Sugarcane land requires careful cultivation, or, as the saying runs, तीन पटावन, तेरह को इन tin patāwan, terah koran,—three waterings. thirteen hoeings. Land prepared for sugar-cane is Suit ukhānw in North-West Bihar. When the land is left fallow the autumn preceding the planting, the plant is called पोड़ा porhu in the North-West and in South-West Tirhut, and सुवार sungar in North-West Tirhut. When an autumn crop is taken the season before planting the cane, the system is known as जरी jari to the west, or in Saran नारी nāri. In North-West Tirhut it is called दोन्दा dotura. South of the Ganges it is generally called चौमास chaumās. When cane is cultivated without irrigation, a typer of leaves, grass, &c., is thrown over the seed and acts as a sort of hotbed. This system is known as खदियाची स khadiyāil to the west and in South-West Tirhut, and गोधा पटाप्रव gon patäëb in North-West Tirhut. To the west two ploughs are used in cane-planting. The first is simply called दर har or पहिया वाखा दर pahiya wāla har; the second is called कान्दी के दर kanhi ke har in Saran and भटौनी bhathauni in Champaran. The second plough has a bundle of grass tied round it, called कान्दी kānhi or काँनी kānni, to widen the furrow. The furrow is everywhere विरायर sirāür, also रेड reh in North-East Tirhut. South of the Ganges a second plough is not used. In Azamghar the furrow is filled up by ploughing a second furrow alongside it, but in Bihār this is usually done by hand.

1007. The first watering of the cane is गडा दार ganda dhār in Gaya and South-West Shahabad; in the rest of Shahabad it is चंदन्का

chhencka. In Patna it is पनन्मण्डा panganda, and in South Bhagalpur अधन्ति पटावन andhri patāwan. Elsewhere it is simply परिख पटावन pahil patāwan. The second watering is कोड़ा kora in Patna. Elsewhere it is दोषर पटावन or (पानी) dosar patāwan (or pāni), with a variant दोषन्ती पटावन dosro patāwan in South Bhagalpur. The third watering is खांखन्ती ākhri in Patna; elsewhere तेषर (or तेषन्ती in South Bhagalpur) पटावन (or पानी) tesar (or tesro) patāwan (or pāni).

1008. Cane sprouting from the roots left since the previous season is known as खुँटी khūnti north of the Ganges, and also खुँटिया khuntiya in North-East Tirhut. When sprung from fresh seed it is known as बाबग bāwag, or (optionally) in Tirhut Trop. Cane sown after the autumn crop is cut is known as जरिया के जख jariya ke ūkh to the west, and also भारी के जब nāri ke ūkh in Saran. In South-West Tirhut it is दोत्रा के जब dotura ke ūkh. Elsewhere it is known as चौमसिया chaumasiya. Cane cut up for seed is known as not genra or not genri to the west, and टोना tona or टोनी toni to the east. मुझी qulli is also used in Shahabad. In Patna it is also called पाँ इन्डा ponkra, and in South Bhagalpur बीदन bihan. When only the top of the cane (which sprouts quicker than the rest) is cut up for seed, the pieces are called चॅगेर anger in Sāran, चाँगरा angenra in Gaya, चगारी agāri in Patna, चमन्दा agra in South Munger, and start aga in South Bhagalpur. North of the Ganges they are called बिध्या badhiya or (in North-West Tirhut) फुनन्गी phungi. The hole in which the cane slips are kept before planting is चाद khād in Sāran, खाता khāta in Champāran, गाड़ा yāra in Shahabad, गॅडन्मार ganrsar in Gaya, बलन्सार balsar in Patna, and टोनन्साद tonkhad or zineerar tonkhāwa in the south-east.

The sprouting eyes of the cane are wife ankhi or wite ankh 1009 in Gaya and to the west generally; so also in South Munger. In North Tirhut they are अधिया ankhiya, and in South-West Shahabad चंदन्य ankhwa. In Patna and East Tirhut they are खाँखखा unkhua, and in South Bhagalpur अंखियाच ankhiyāy. When just sprouted, the cane is called yuri in Champaran, util pauri in South-West Tirhut, and nini gobhi elsewhere north of the Ganges. In Shahabad it is called पोद poi, in Gaya it is said to be অনুবাসৰ ankurāël, in Patna चंद्रचाप्रस ankhuāël, and in Saran सुरुषाप्रस suiyāel. In South Munger it is दिश्री tibbhi, and in South Bhagalpur डिप्सी diphi. The earth is hoed (कोइस koral) once after the cane has sprouted. This is called पुचारी के जोन puari ke jot in Champaran, and चचरिया anhariya in North-Fast Tirhut. Elsewhere it has no special name. The chief hoeing is done in Akhārh (June-July), and is called चवाही कोइन akhārhi koran or चदरा के कोइन्नी adra ke korni. To the west it is called चवाही कोइ asārhi kor, and in Gaya it is पाचा pāsa.

- 1010. The root is जाइ or जार jar to the north-east, and मूड murh elsewhere north of the Ganges. In Shahabad it is जड खर jar khar, in Gaya and South Bhagalpur खुरी khunti or खंडिया khuntiya, and in Patna and South Munger जही jari or अहिन्या juriya. When the sprouts are two or three feet high, they are called effet tonta in Patna. Elsewhere they have no special name: the plant is simply described as भर ठंडना bhar thehuna, or in some similar way. The knots on the cane are vit por, and (in Shahabad) vis poi. They are also called fut give or fut giveh. When these become visible. the plant is called पोराना porana in Champaran, Patna, Gaya, and the east generally. In West Tirbut they are faging girhana, and in South-East Tirhut पोर कोरना por chhorna. In Shahabad they are called इंडोका denrauka. When the plant is ready for cutting, it is called चगरन्त्रम् agarbandhu in Patna and चौगरन्त्रम् ungerbandhu in Gaya. In the south-east it is sig danr. Elsewhere it has no special name. A sprout of cane is with ankh north of the Ganges and in Shahabad and Gaya. In North Tirhut it is अंखिया ankhiya, in Patna अंखुआ ankhua. in South Munger कन-सी kansi, and in South Bhagalpur गॉक्ती gonihi. The leaves at the top and the upper part of the cane are wire agenr in the west, and ne genr in the south-west of Shahabad. In Patna and Gaya they are जारी angeri, and also जारा agra in the latter district. In Tirhut they are unit pagar, in East Tirhut whip, and in the south-east पगन्डा pagra. The dry leaves at the top are पतन patain ın Saran and South-East Tirhut, पतन्दर pathar in Champaran and North-West Tirhut, पतन्सी patto in South-West Tirhut, and पतन्स patras in North-East Tirhut. In Shahabad they are vat patai, in Gaya पतौरा palaura, in Patna पतन्तुस pathul, in South Munger पतौरा pataura or पनन्डोल pathol, and in South Bhagalpur पलन्डोर pathor. Shoots coming from the knots are कन्गोजर kangojar or कनोजर kanojar in South East Tirbut.
- 1011. A branch springing from the bottom and injuring the plant is दाँचा donj in Säran and South-West Tirhut, पर को pachhkhi in Champaran, फुटन्ना phutna in North-West Tirhut, and गोभी gobhi in East Tirhut. In South-West Shahabad it is कमन्दी kankhi, and in the rest of that district गॅनन्दा ganukha. In Patna and Gaya it is क्याना jonka, and in the south-east पशुद्धी paguri. In South Bhagalpur

it is also पडेंच pahunch or पोरंगीयो pornowo. When a plant is attacked by insects, which are called in Sāran and Champāran चीना sīna o काइन tāra, it is called north of the Ganges कनाइन kanāil or रतः इंट्रियारा, or (in Tirhut) कनाच kanāh. The latter name is also current in South-West Shahabad, and variants are कनाचा kanāha in South Munger, कानो kāno in South Bhagalpur, and काना kāna in Patna. In Gaya it is called रताण्ड ratāēl, and another term in use in Patna is रगण्ड rasāēl. North of the Ganges a plant is called मुद्दियारी मार्ज murnyāri māral when the top withers and fresh sprouts (देनी teni in Sāran and दोंजी donji in Tirhut) come out from underneath.

- 1012. The green top cut for fodder is जाँड agenr or जाँड anyer in Sāran, गेंड genr in Champāran and Shahabad, जाँडी angeri in Patua and Gaya, and also जाँडा agra in the latter district, and जांड agār in South Munger. In Tirhut it is पगार pagār, and in South Bhagalpur पगःडा pagra. The piece between two knots cut for cating is पोर por. The piece of cane chewed at one time is गुजा gulla, or (in Shahabad) optionally गुजी gulli, and the refuse thrown out of the mouth जोड्या khoiya north of the Ganges. South of the Ganges it is generally जोडिया khohiya or जेप्या chepua, local names being चिडी sitthi in Shahabad and South Munger, (also used in West Tirhut) and जेपा chopa in South Bhagalpur. For the pieces of cane cut for the sugar-mill, see § 288.
- 1013. A bundle of canes is ঘাঁজা pānja. A large bundle is ৰান্ধা bojha, which is as much as can be carried by a man.
- 1014. Among the preparations of the sugar-cane may be mentioned रस ras, or कचन्रस kachras, and in South Bhagalpur कहा रस kancho ras, which is the juice of the cane. When boiled down and undrained, it is राव rāb or (in Patna and Gaya) रावा rāwa. When boiled down for a longer time, it becomes gr gur or gr gur (often spelt गुड़, गूड़). When made up in smallish balls it is called भेडी bheli. Other names are fusts mithai, and, when made round and flat, चाकी chāki and चकरी chakri in Saran, and चक्की chakki in Patna and Gaya. The raw sugar which remains in the bag after pressing the rab is called var sakkar, or in Patna, Gaya, and the south-east unt sankar. When dried, it is called wife khānr or uti bhurra or uti bhūra, i.e. brown sugar. The molasses, or juice which runs out of the bag when the rab is pressed, is called कोचा chhoa, or in South-West Shahabad चिरा sira. मिसन्दी misri is sugar-candy or loaf-sugar, and चिन्नी chini or चीनी chini is refined brown sugar (सबर sakkar or सूरा bhūra). The molasses (कोचा chhoa) above

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mentioned is used in tobacco manufacture, and is then called सगार tugār in Gaya, गरिया gariya in Patna, and फाँच phānk in South Bhagalpur.

1015. In a sugar-refinery रस ras (or in the north-west सरस्वत sarbat) is the raw sugar dissolved in water. मेस mail is the seum taken off the boiling-pans. To the south-east this is मेस maila, and in North-West Tirhut and Shahabad मस्या mahiya. The boiled juice is सीरा sira, and the clear filtered juice राम के रस ras ke ras. To the north-west the juice after the first filtering is दोमा doma, and after the second टोपारी thopāri. When the seum is mixed with water and again boiled, it is called प्रभावा pasāwa.

CHAPTER XIII.—COTTON.

- 1016. The cotton-tree (gossypium herbaceum) is known everywhere except to the south-west as any banga or aim banga, with a local variant atal bango in South Bhagalpur. To the west it is called क्यास kapās, which properly means the cotton in the pod. kinds of cotton ripen about Baisākh (April-May). Amongst the varieties may be noted wifing bhogila (north of the Ganges), a good kind with large pods, and of medium height; भोचन्दी bhochri (north of Ganges), a small variety, of which the cotton is apt to get blown out of the pod by the wind. फंटन्याल phetwal is a kind grown in North-West Tirhut, and गाजर gājar is one grown close to the house in the Titl bari, and not in the fields, in North-East Inhut and Shahabad; That rarhiya (Patna, Gaya, and the southwest), a dwarf variety; बहुँचा baraisa (Patna and Gaya), a large variety; खरन्मा larma (Säran), नरन्मा narma and इँवन्ती henuti (Shahabad), a dwarf variety. Other kinds grown in Shahabad are bañrchha or बंदुका bañruchha, and मनव्याँ manuan, and in Munger we find nier gola and successful. Tirhut is famous for a special kind of cotton which ripens in Bhādon (August-September), called कोक-टी kokti or way bhadaiya, which is of a red colour, and of which thread and cloth of extreme fineness are made. A dress of kokti cloth lasts a life-time.
- 1017. The uncleaned cotton in the pod is कपास kapās, also बाँगा bānga in East Tirhut, बाँगो bāngo in South Bhagalpur, and काँच इसा kānch rūa in South Munger. To clean the seeds from cotton is चोडन otab or चाँटन ontab, and the operation is called

Pierel otni or बाहार otaï in Saran, and बाहार auntaï in South Bhagalpur. The last two words also mean the wages paid for cleaning. The cotton-pod is called ढंड़ dhenrh to the north-west and ढंड़ो dhenrhi in Tirhut and South Bhagalpur. In Shahabad it is डाँड़ो dhonrhi, in Gaya टेर ter, in Patna and South Munger डिप्पी dindi or डाँड़ो dinri. The cotton-seed is बनीर banaur to the west, बँगीर bangaur in Tirhut, बँगीरा bangaura in South Munger, and बँगडी bangthi in South Bhagalpur. In South-West Shahabad it is बँडीर bandaur. A cotton-picker is खोड़ा विचार lorhnihār (which means simply 'gatherer') in the north-west; elsewhere there is no special name. North of the Ganges he or she is paid by a share of the cotton picked. This is called पर paī in Saran and South-West Tirhut, पोइ poï in South-East Tirhut, and बोरन boïn in North-East Tirhut. In North-West Tirhut the share is a fourth of the crop, and is called चौडेया chauthaiya.

1018. The stages of growth in the plant are as follows:-

When the first leaf shows, it is called पतिचाप्र patiyāël north of the Ganges. In South-West Shahabad it is इसी dubbhi, in the rest of that district डिसी dibbhi, and in Patna and Gaya कनियाप्रस kaniyāël.

The next stage is इोपितया dopatiya to the north-west, and also south of the Ganges generally. In Tirhut they say it is कपारी फोरल kapāri phoral. In Gaya it is पितया patiya, in South Munger इोपपी dopati, and in South Bhagalpur दुपतियो dapatiyo.

The third stage is चौपतिया chaupatiya or (to the north) चरन्पतिया charpatiya, and in South Bhagalpur चरन्पतियो charpatiyo.

The flower has no special name, and is simply called फूख $ph\bar{u}l$. To flower is फुलाएन $phul\bar{a}\ddot{e}b$.

The pod bursting is कपास फूटब kapās phūtab to the west, and in East Tirhut बाँगा फूटब bānga phūtab. In South Bhagalpur it is बाँगो फूटब bānga phūtab, and in South Munger फोटा phota.

- 1019. Raw cotton is कपास kapās, or बाँगा bānga, बाँगो bango, &c., as above. In East Tirhut बाँग bāng is also used. To the west बाँगा bānga means cotton stalks. From रहिया rarhiya (raw cotton) about one-sixth clean cotton is obtained; from भोचन्दी bhochri and कोकन्टी kokti, about a quarter; from भोगिसा bhogila and डेंबन्ती henvti, about a third; and from फेटन्बास phetwāl, about two-fifths. भिकारा mijhra north of the Gauges is a mixture of भोचन्दी bhochri and भोगिसा bhogila.
- 1020. Cotton is the subject of many proverbs, as (for instance) South Munger proverb जेवन्दा बारङ विगन्डा बाँग, कसर में डोरो ना, jekra

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bārah bigha bāng, kamar meñ doro na—(here's a fine miser) he has twelve bighas of cotton and can't afford a string for his waist.

CHAPTER XIV.—TOBACCO.

- 1021. Tobacco (nicotiana tobacum) is तमाकू tamāku or तमाकुस tamākul. It is little grown south of the Ganges except in South-Bhagalpur and South Munger. North of the Ganges there are three main classes:—
 - (1) देशी desi or (North-East Tirhut) बड़न्की barki.
 - (2) विज्ञापनी bilāëti or (in Champaran and North-West Tirhut) कल-कतिया kalkatiya.
 - (3) জন্তবা jethua, which is sown in Māgh (January-February) and cut in Jeth (May-June).

In East Bihār are found धमाकुछ dhamākul, a broad-leafed variety, and पनन्डडिया pandathiya and धॅगन्डीया khangrīwa, narrow-leaved varieties.

- 1022. In Shahabad मोरम्स morhan are long leaves of the best kind, and केंच्या chheua the next quality.
 - 1023. When manufactured, there are three main kinds:-
 - (a) Chewing-tobacco.— खैनी khaini or सुरन्ती surti, or in Patna दोखन्ता dokhta. Some people call this कल खुग के खित kal jug ke amrit, or the ambrosia of the kali age.
 - (b) Snuff, which is नास nās or नस nas.
 - (c) Smoking-tobacco.—This is called पौचान piani or पौनी pini generally. Among its kinds may be noticed काला kāla (North-West and South-East Tirhut) or पहुंचा pakua (Tirhut), which is the coarsest kind. कर्द kandat or स्थाना bhusna in South Bhagalpur, and गूँडी gunri in South Munger, is broken tobacco. कड्या karua or (in South Bhagalpur) कड्यो karua is a second-class strong kind. दोरसा dorassa, or in South Bhagalpur दोरसो dorasso, is a mixed tobacco of fair quality. Another similar kind is called मथानादार masāldār or मद्याचा mahkaua. चनीरा khamīra is a scented kind mixed with spices, and सादा sāda is the plain kind in common use. महाना malua to the west is the usual kind sold in

shops, and दोकानी dokāni is the cheap kind used by the poor.

- 1024. The stalks are well danti generally, with local variants siz dant in South Munger and डंटन्की dantki in South Bhagalpur. In East Tirhut they are also siz danth. The refuse broken leaves and stalks are भाका jhāla in the south-east, and in South-East Tirhut खरनान kharsan. When blisters come on the leaf when ripe, the verb used is चहव charhab; also गुज्रान्टियाप्रव gulthiyāëb or चितियाप्रव chitiyāëb in Champāran. The blisters themselves are called चिन्नी chitti. seed-capsules are चूनी yhūni in Sāran, भर phar in Champāran, and fast bichchi in Tirhut generally. The nipping or cutting off of the head is पता तूरव pata turab in Saran and South-West Tirhut, कोपन्नी chhopni in South-East Tirhut, and anza kātab or azaal katni elsewhere. Sometimes shoots appear after doing this, and they are called हाँकी donji. Other local names are पचन्छी puchkhi in Sāran and Champaran, कनोजर kanojar in North-East Tirhut, कनेस kanail or बाँखी kānkhi in South Tirhut, and बनदे kanai in the east generally The first crop is called witten morhan. A second crop raised from the roots is दोंजी donji, or in South Bhagalpur खॅटिया khuntiya. Tobacco seedlings are called utat poa in South Bhagalpur.
- 1025. Tobacco is the subject of many proverbs and tales. An example of the former is—

भून तमाकु धान के, विन माँगे जे दे। सुरन्पुर नरन्पुर नागन्पुर, तीनू वस कर खे॥

Chūn tamāku sān ke bin mānge je de, Surpur narpur nāgpur, tīnu bas kar le.

- The man who mixes tobacco with lime (for chewing) and offers it without being asked, conquers (by his virtuous action) heaven, earth, and the lower regions.
- 1026. A folk-tale about tobacco runs that a villager who went to a distant village to visit his friends found them smoking in the morning before they had said prayers, whereupon he said—

भोर भए सतुस सभ जागे। अका विकास बाजन कारे॥

Bhor bhae, manus sabh jāye, Hukka chilam bājan lāge.

-At daybreak the people awoke, and immediately the hukkas began to gurgle.

To which one of the smoking party replied-

खैनी खाए कः तसाक्क्रपीए। से वर बतावत कैसे जीए॥

Khaini khāe, na tamāku pīe, Se nar batāwa kuise jīe.

-Show me the man who can live without either chewing or smoking tobacco. This verse has passed into a proverb.

1027. Tobacco is often compared to the river Ganges, which has three streams,—one of which flows to heaven, another to hell, and the third to the world of mortals. So also tobacco has three branches, viz. snuff, which, by being smelt, goes upwards; smoking-tobacco, which, by being smoked, goes downwards; and chewing-tobacco, which goes neither up nor down.

CHAPTER XV.-OPIUM POPPY.

- 1028. Opium poppy (paparer somniferum) is पोष्णता posta or (in Patna) पोषत posat. The advances made to the cultivators are दाद्ग्नी dādni. The average produce per bigha is सरद्दर परन्तर sardar partar or परन्ता parta north of the Ganges and in Gaya. In Shahabad it is मास māl, and in Patna पेदा paida. The rough measurement of the field is सराबन्दी lathābandi in South-West Shahabad, and elsewhere south of the Ganges नाप nāp. North of the Ganges it is नापी nāpi.
- 1029. The poppy petals are पूज phūl, and the heads देंड़ी denrhi, or in Patna दिखी dindi. The cakes of poppy petals are फुल पता phulpata in Champāran, फुल पत्ती phulpatti in Sāran and Tirhut, and पत्तन puttal in Patna. Elsewhere they are रोटी roti.
- 1030. The instrument used for piercing the capsule is नदरनी naharni, or in Tirhut optionally खरान्ती laharm. In Patna and Gaya it is नरस्की narhanni. To lance the capsule is पाइव pāchhab. The milky juice which exudes is दूध dūdh, and the opium yield is मास māl. The scraper used for collecting the coagulated opium off the pod is called चित्रचा situha or मित्रचा situa. In South-East Tirhut sometimes a bamboo scraper is used, called पोइन्सी pochhai. The gathering of opium is चरापच uthāēb generally. Local words are काइव kāchhab to the north-west and in North-West Tirhut, and पोइच pochhab

also in North-West Tirhut. The person who lances the capsules is पकः निचार pachhnihār or (fem.) पकः निचारिन pachhnihārin, and he or she who collects the congulated opium which has exuded from the capsule is उटौनिचार uthaunihār or उटौनिचारिन uthaunihārin. The grain of the prepared opium is दाना dāna, and its consistency सुखन्यम sukhwan.

- 1031. The grains of opium-seed are হালা dāna. The shell is ভাষো khoiya north of the Ganges, and ভাষিষা khohiya in Gaya. In South-West Shahabad it is ভালাকী khohi, in the rest of that district and in South-East Bihar ৰাজ্য bokla, and in Patna ৰক্তা bakula. In Gaya ভিত্য chitura are poppy capsules which are empty and have not borne seeds. The oil-cake prepared from the seeds is বিলা pinna or पीना pina.
- 1032. The refuse opium, consisting of the washing of the vessels, &c., is बोचन dhoan north of the Ganges and बोद dhoë south of it. In the south-east it is बोच dhoe. The refuse scraped from the vessels is जुरूचन khurchan, or (Gaya, South-West Shahabad, and South Munger) बचोदन khakhoran. The juice which drains off the fresh opium is परीना pasewa. This is inspissated on rags, and the product is कपा kapha, of which काफा kāpha in Shahabad and कपा kappha in Säran and South Munger are local variants. The fluid opium used in pasting the leaves on the cakes is जेना lewa in Patna, and the cakes themselves are गोदी goti.
- 1033. Preparations of opium.— महत्व madak is made by boiling down and inspissating the juice (चरख arakh) of pure opium or कपा kapha. This inspissated juice is known as किमाम kimām or (in Gaya) केमाम kemām. With it are mixed cut-up betel or guava leaves, known as जास jāsu. The pipe used for smoking madak is known as महत्क mahru or उरिया thariya or उदिया tharhiya, or to the south-east के meru. A small piece of madak, known as जोग chhita, is ignited in the bowl of the pipe with a spill of charcoal, called कसम kalam or (in South Bhagalpur) कॅगन्डा kangra, which is held by a small pair of tongs, called चिमारा chimta in the north-west and चूरी chūnti south of the Ganges.
- 1034. चाड chandu or चाँच chandu is the distilled juice of pure opium, and is smoked in an earthen bowl called चिन्नम chilam to the north-west and द्वान dawāt south of the Ganges. This is attached to a stem called चिन्नम तापुर्वीं in Sāran, Patna, and Gaya, नरचा narcha in Champāran, and नर nar in North-West Tirhut. Another name is चन्नू bambu or चाँच bāmbu, bamboo. It is stirred with an iron skewer, called चन्न thak.

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When it is desired to make the preparation extra strong, the sediment which accumulates in the stem of the pipe is added. This is called बहा anchi south of the Ganges generally, बनो insi in South Munger, and बनो inchi in South Bhagalpur. In Patna it is also called बेटी kainti, and in Champāran बेटी kaiti.

1035. पिनिक pinik is the drowsiness produced by opium intoxication, and चुमन्की chuski the quantity of opium water drunk at one-time.

CHAPTER XVI.—HEMP.

- 1036. The hemp plant (cannabis sativa) is known as गाँजा gānja when cultivated in Rajshahai, and भाँग bhang when wild elsewhere. The leaves are known as भाँग bhang or भाङ्ग bhang (generally), समुजी sabuji (north-west), or सम्बद्धा sabja (Patna and Gaya). A favourite way of taking the drug is in the form of a sweetmeat, called मजूम majūm or माजूम mājūm. चर्म charas is the resin which exudes from the flowers and leaves.
- 1037. The flat gānja is चपन्टा chapta or चिपन्टा chipta; also in Shahabad कही kali. The round gānja is गोस yol, also गिर्निटिया girgitiya in South-West Shahabad, and also पमन्दी pamri in the rest of that district. Broken gānja is रोरा rora or चूर chūr, or (in Gaya and South Munger) रहे raī. In Shahabad चालूचर bālūchar and जासर jāsar are two kinds of imported gānja. Gānja with stalks attached is called हाड़ी dārhi in Shahabad. चेदिन medani or सेदन्नी medni is a plant taken with gānja.

CHAPTER XVII.-INDIGO.

- 1038. Indigo (indigofera tinctoria) is जीज lil. The word नीज nīl used by Europeans is a Westernism borrowed from Ūrdu-knowing subordinates
- 1039. Indigo sown before the rains and irrigated by artificial means is called परीका patana. The first cutting is मोरन्सन morhan. The second cutting is खूँशी khūnti or (in South-East Tirhut) दोंजी donji, and the third cutting is called तेंजी tenji or तें खारी telri, or in the northwest निराँटी tirānti. If the second or third cutting is allowed to grow on to the second year it is called कलम kalam or कलानी kalmi. In South Bhagalpur there are two sowings (बावम bāwag),—one called कनिकी

katiki (कातिक Kātik = October-November), and the other फ्छानी phalguni (फाछान Phālgun = February-March). In North Bihār the chief sowing is the फग्रनी phaguni (फाग्रन Phāgun = February-March), and there is a second sowing in खडाइ Akhārh (June-July), called खगाइी asārhi or खजाइी akhārhi. There are also sowings in कातिक Kātik (October-November) and विगास Baisākh (April-May).

- 1040. The system of obtaining the plant from cultivators on advances is called दादन्नी dādni or दादन dādun in the north-west, in South-West Tirhut, and in South Bhagalpur. When indigo is grown by cultivators who have entered into an agreement to do so, it is called रैयती raiyati or अमानिवार asamivar or अमानियार asamiyar. Under the system called in the north-west खुम खरीद khush kharid, the planter advances money to a cultivator to sow indigo. He also advances indigo-seed at a given rate, the price of which is recovered in the settlement of accounts. This is also called खमन्त्री khuski in Champaran and नविष्यवानी nawishtakhāni in North-West Tirhut. टीका के सील thika ke lil is when the planter takes a village in farm and cultivates the zira'ats (जिरात jirāt) and such other land as he can secure. The special cultivation carried out by the planters themselves is जिरान jirāt, or (in South Bhagalpur) बाही bāri. The divisions of their estates are called form jila, each under charge of a किलादार jilādār, and a subdivision is (north of the Ganges) होक tok, under charge of a टोकन्दार tokdar.
- 1041. चन्नावा alāwa or चन्नावे alāwe is indigo grown by the cultivator on his land after opium or other crop.

CHAPTER XVIII.—OTHER DYES.

- 1042. The following may be noted: -
 - (1) আৰ āl (morinda citrifolia).—This is used for dyeing red cotton cloth আৰু sālu and the coarse red cloth আৰম্ khāruān. The root is divided into classes, called বাৰা bāna. The best and thinnest roots are known as দুঘা phūha. The thickest roots are কম্বা kachri in Shahabad and South Munger, and নাড়ৰ toran or মুখা gulli in Patna and Gaya. মড় mel in Shahabad is a mixture of the two kinds.
- 1043. (2) Safflower (carthamus tinctorius).—This is कुतुम kusum generally north of the Ganges, and कोत्तम kosum south

चरनानी asmāni, light blue.

कामी kāgī, navy blue.

काला kāla, black.

कारि सन्जा kāhi sabuja, dark green.

बेसरिया kesariya, saffron-yellow.

गुलाब gulāb or गुलाबी gulābi, pink.

चँपदे champai, orange.

नारकी nāranji, orange yellow.

पैटानी paithāni. Made by dipping into an indigovat also.

फांखन्याची phālsāhi, plum-coloured.

बदामी hadāmi or बदामी bedāmi, almond-coloured.

बैंगन्मी baingni, purple.

माची māsi, a very dark green.

खाख /al, red.

सीसा līla, dark blue.

सब्बा sabuja, green.

सुरुक् surmaī, antimony-black.

स्वय surukh, red.

सोनक्रका sonáhula, golden yellow.

Of course all the above are not made from safflower alone, but it forms the basis of all. In most of the darker colours it is used in conjunction with indigo. The following riddle shows the comprehensive range of colours embraced by safflower. At a marriage procession garments of every bright colour are worn, and the riddle is—

बाप रचल पेटे, पूत गेस बरियात.

Bāp rahal pete, pūt gel bariyāt.

—While the father was still in the womb (i.e., pod), the son went to a wedding party. The father is the seed of the safflower in pod; the son is the safflower dye.

In the north-west অৰ্থা নৈত jarua tel is an oil extracted by means of heat from the safflower-seeds. It is called অৰ্থা নৈত jarathua tel, and in Shahabad ভৰুষা নৈত darhua tel. It is used for applying to sores, and also for burning.

- 1044. (3) খনন bakam (cæsalpina sappan).—This is a red dye, used principally where খাৰ āl is not obtainable.

CHAPTER XIX.-OILSEEDS.

- 1045. Oilseeds in general are चिकाना chikna, तेखाचन तीपी telhan tisi, er simply तेखाचन telhan. Amongst the varieties may be noted—
 - (1) Mustard (brassica campestris or sinapis dichotoma).—This is धरियों sarison or धरियो sariso north of the Ganges and in the south-west; elsewhere it is घरचों sarson. In South Bhagalpur it is गोटो goto, and in North-East Tirhut also गोट got. Oil from this seed is called करचा तेल karua tel or करू तेल karu tel.
 - (2) Mustard (brassica juncca or sinapis ramosa).— This is जारी lāhi or राइ rāi to the west. In South Munger it is रवी ranchi, and in East Tirhut रेंची rainchi. Elsewhere it is नोरी tori, and so also in Champāran.
 - (3) Sesamum (sesamum orientale or Indicum).—This is নীৰ til.

 In South-West Shahabad নিমী tilli is a variety with a white grain, which is sown with the autumn crop.
 - (4) Linseed (linum usitatissimum).—This is नीची tīsi. To the east it is also called चिकाना chikna.
 - (5) Safflower (carthamus tinctoria).—See last chapter.
 - (6) Castor-oil plant (ricinus communis).—This is the renr or who lenr, also the arrar in the north-west, Tirhut, and South Bhagalpur, and the array and in Tirhut and South Bhagalpur. The seed is the lenri or the renri generally, also the land and and in Tirhut and South Bhagalpur, and the north-west, Tirhut, and South Bhagalpur, and the and in Tirhut and South Bhagalpur. A plantation of this is the renrwari or the lenrwari.
 - (7) Bassia latifolia.—The tree is called মান্ত mahu or মাছৰা mahua. Its clusters of buds are হ্লা chhatta or কৰি konch.

 The flower which falls to the ground and is used for distilling spirits is মান্ত mahu or মাছৰা. The oilnuts which are borne by the tree are কাৰে koën north of the Ganges, or কাৰে koini in South-East Tirhut. In South-West Shahabad they are কাৰে koënda. In South-Munger the mahua-pickers sing a song while employed, called বাৰ toha.

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- (8) Celastrus paniculatus.—This is महन्द्रगानी malkangni or दिवौरी dithauri in South-West Shahabad, मजन्दीनी malkauni in Patna and Gaya, मनन्द्रीनी mankauni in South-East Tirhut, कौनी kauni in South Munger.
- (9) Croton (croton tig/ium).—This is जमास गोटा jamal gota in Patna, Gaya, and the west.
- Two other oils may be mentioned here. One is কৰিব mimiyai ke tel, which is supposed to be extracted from the heads of coolie emigrants to the colonies, by hanging them head downwards over a slow fire, see §1464. The other is অকাৰ ক বৰ akol ke tel, made from the nut of the water akol (alcaritis triloba) tree, which if rubbed on a person's body makes him invisible. This is like saying that if you eatch a guinea pig by the tail his eyes will drop out; for the nut is so hard that it is impossible to extract oil from it.

CHAPTER XX.-FIBRES.

- 1046. Hemp, as a drug (cannabis sativa).—See Chapter XVI.
- 1047. Hemp, as a fibre plant.—There are two varieties of this:—
 - (1) सन san (crotolaria juncea) or (North-East Tirhut) कस्मिरा kasmira or सोन son.
 - (2) ঘট্ডা patua, কুরুল kuturum, or (in South Bhagalpur) কুরুলে kudrum (hibiscus cannabensis, Roxb.) This is like san, except that its flower is like the safflower, and that it is used only for making the coarse fibre (ভ্রা channa). See below.
- except in North-East Tirhut, where it is एनं sanai. In Shahabad it is एनं sanaitha, in South Munger पनादी sanāthi, and in South Bhagalpur एनः पनादी sansanāthi. When the bark has been removed, it is santhi, or in South Munger पनादी sanāthi, and in South Bhagalpur पनः पनादी sansanāthi. A bundle of fibres is जरणा larchha, or in East Tirhut घोषा dhoa or पूजा thūa. Short stalks that remain in the fibre are called in North-East Tirhut गुरुश्ती gudri, खुरू khudar to the west and in West Tirhut, जुरुशी kudāri in North-East Tirhut,

and गुद्द gudar in East Tirhut. In North-East Tirhut the coarsest fibres are called चन्ना channa, the next finest पद्चा patua, and the finest करनी स्थानित kasmira. There is no special name for the seed.

CHAPTER XXI.—BETEL.

- 1049. Betel (piper betel) is called पान pān, and the man who grows it बर्द baraī. Amongst its varieties the best is कप्रो kapūri, which has a long leaf, mild, but slightly bitter. The next best is चाँची sānchi. The common varieties are ककीर kakīr (North-East Tirhut) or ककेर kaker (South-East Tirhut), which has a large leaf and mild flavour; the बेजदारी belahri (south-west) or बेजदारी चाँची belahri sānchi (North-East Tirhut), and the मगन्दी maghi, which have a round leaf and a sweet taste; and the बॅगन्सा bangla or (South-West Tirhut) बॅगन्सा bangra, which is small and slightly bitter. To the west there is also a kind called करद्या karārua, which is small and sweet.
- 1050. The mound on which the plant is grown is जिल्हा bhinda, बरेडा baraitha, or पाड़ pārh north of the Ganges. South of the Ganges it is भीड bhīt. A betel-garden is बरेड bareo or बर्डे barwe. The rows in the plantation are पप्रा sapura in Sāran and South Tirhut, and चाँद्र sāmpur in North-East Tirhut. In South-West Shahabad they are पाप pās, and in the rest of that district पाँची pānti. The intervening spaces are बाँचर वेतावा or बंचरा antra. They are also पाचे pāhe in South-East Tirhut, दौँगर daungar in Patna and Gaya, and दौँग daung in the south-east. The main props down these lines are कोरो koro in Tirhut and कोरई korā in Shahabad. In the south-east and in Sāran they are रकटरी ikri.
- 1051. The spaces between these props are in North-East Tirhut कोर्ना korwās. The supports of the plants are स्तर saraī north of the Ganges, or in South-East Tirhut स्टाडी kharhi, of which there are generally six between each main prop. In Shahabad they are called the inkar, and in the south-east स्टाइट sarkanda. In Shahabad दें पी dhempi are the lumps of clay in which the plants are sown. The supports of the roof are also कोरो kōro, except in Patna and Gaya, where they are सभा khambha, and in South Munger, where they are सभी khāmhi. The walls are रही tatti, or in East Tirhut राष्ट्र tāt, and in East Munger राष्ट्री tāti. The roof is माको māro or माँको mānro. In South-East Tirhut it is optionally माक्न mārab. In South-West Tirhut

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it is उटःरा thatra, and in Shahabad and East Tirhut optionally जानी chhāni. In South Munger it is सङ्ख्या marwa or ठटन्दी thathri.

BETEL.

- 1052. The brushwood on the top is खर्ड kharaī or (in South-West Shahabad) खर्चा kharcha, and in South Munger कच्चा kachua. The young seedlings for planting are कलम kalam in Patna, Gaya, and Shahabad, and बेस bel elsewhere. They are watered from an earthen vessel called सोटी toti or (in Sāran) सोट tot. In North-East Lirhut सर्वे mator is a basket in which the gardener carries earth to the plant, and which he also uses for keeping the leaves. In East Tirhut मूर thūr, and in South Tirhut स्रा thūra, are the shoots which come out of the plant near the root in Jeth (May-June), and कन kan are those which come out in Bhādon (August-September).
- 1053. A packet of twenty leaves is called a कोरी kori south of the Ganges. North of the Ganges one of fifty leaves is called चौडेया chanthaiya, and one of a hundred leaves चाघा डोडी ādha dholi. A डोडी alholi has 200 leaves.
 - 1054. North of the Ganges and in Shahabad—

7 डोजी dholi = 1 कनन्याँ kanwān. 14 ditto = 1 चभ्रन्दा adhwa. 28 ditto 1 पौचा pana or पाना pāwa. 4 पौचा pana = 1 जेनो leso.

1055. Elsewhere south of the Ganges 108 दोन्नी dholi make 1 नेपो teso. A leaf of betel rolled up in a cone for chewing is बीज़ा bira, विरुवा birwa, or विरिधा biriya or खिकी khilli. It is also गिनीरी gilauri. चिंपारा singhāra are the triangular-shaped packets. Betel is kept for consumption in a wickerwork basket, called बेन्हारा belahra or (in East Tirhut) विरुवारा birahra. In North-East Tirhut दाकी dhāki is a large basket used by the betel-grower for the same purpose.

1056. The betel-nut, which is the fruit of the areca catechu, is called सुपारी supari or सोपारी sopari. Other names are करेंसी kasaili north of the Ganges, and सुखासुष mukhsugh, सुखासुष or सुखासुषी mukhsugh, in East Tirhut. The nippers for cutting the nut are परीता sarauta. A well-known proverb is सुखासुष नः परकार, तनिका सहियातक कर समस्तार mukhsudhi na parkār, tanika ariyātak bar chamatkār,—he can't afford to give his guest even a bit of betel-nut, and yet he escorts him out of the house with as great pomp as if he had been actually entertaining him.

CHAPTER XXII.-GARDEN CROPS.

1057. These may be divided into—(1) edible roots, (2) gourds, (3) miscellaneous.

EDIBLE ROOTS.

- (1) Potatoes (solanum tuberosum or esculentum).— आखू ālu, and in East Tirhut also आढ विष्य. Also north of the Ganges खल्या alua and खल्दे aluī. North of the Ganges खल्या alua and खल्दे aluī. North of the Ganges खल्या lalka or दिक्की dackhini is a red kind, and मल्ड्डिया maldahiya or नपाली napāli a white one. A red variety of the last name but one is called मल्ड्डिया कनकःपुरिया maldahiya kanakpuriya. Seed potatoes brought from the hills are बीधा के खालू bīya ke alu, and each eye is खाँखि ānkhi or खाँख ānkh. The produce of these kept for next year is called पिंचला माँटी के बीधा pahila māūti ke bīya, and the produce again of this kept for seed for the third year is दोवारा माँटी के बीधा dosra mānti ke bīya.
- 1058. (2) Yams (dioscorea sativa).—These are ভালাৰ latār generally north of the Ganges, and also বাবে ratār to the west. To the north-west yet another name is ভালাৰ atār, and to the south-west ভালাৰ kathār. In Patna and Gaya it is বালু ratālu. In Tirhut it is also called ভাৰ phar, and to the east also ভাৰৰখা khamharua.
- 1059. (3) Sweet potato (batatas edulis).—This is एकर कर sakar-kand generally. North of the Ganges it is also called समन्ता खलुषा lamka alua, and in South-East Tirhut चलुषा alhua. In East Bihār it is खलुषा alua. North of the Ganges there are two varieties:—(a) A red one, called देशी desi, and also in South Tirhut खल्ला lalka; (b) a white one, called विखाणनी bilāēti, and also कर्याचा karmiya, and in South Tirhut also उजर पाया karmiya, and in South Tirhut also उजर पाया wjarka. A large white variety, weighing from one to twenty sers, is called in North-East Tirhut विक्रना tekuna.
- 1060. (4) A kind of yam (dioscorea fasciculata).— इथन्नी suthni.
- 1061. (5) Arum colocasia.—This is जार arui generally. Also जारनी arabbi in North-East Tirhut, पंकाचा pekcha in South-East Tirhut, पंकाची pekchi in Shahabad, पंपानी pepchi in Gaya and Shahabad, and in South Bhagalpur

- चलन्ती alti. Another variety (colocasia antiquorum) is कच्च kachchu. A larger variety is चचचा arua or कन्दा kanda.
- 1062. (6) रार्भ केंग्रीर rām kesaur (North Tirhut), or निसिरी कन misiri kan (East Tirhut), a large edible root sometimes weighing eight or nine sers. Considered a very cooling food.
- 1063. (7) আহীৰক ādīchak, the Jerusalem artichoke the lianthus tuberosus).

GOURDS.

- 1064. (1) The water-melon (cueurbit citrullus or citrullus vulgaris).—These are নাৰ্জ tarbūj or নাৰ্জনা tarbūja or in North-East Tirhut নাৰ্জন tārbhūj. In Champāran they are also called ঘৰিত্বী আ panihana, and in South-West Shahabad ভিত্তমানা hinuāna.
- 1065. (2) The melon (cucumis utilatissimus or cucumis melo).—
 ন্তুলা kharbūja. Also ছাল্ডনী lālmi in West Tirhut and Patna and the west, and দুঁহ phūnt (which is properly the cucumis momordica) to the south-east.
- 1066. (3) Cucumis momordica.—This is জুঁহ phūnt when it is ripe after bursting spontaneously. The young fruit used for cooking is ভাষা dām and (South-West Shahabad) ছমানী dabhko.
- 1067. (4) The bitter gourd (momordica charantia).—करेंचा karaila, also करेंची karaili in Shahabad and South Bhagalpur and करेंच karail in North-East Tirhut.
- 1068. (5) The bottle-gourd (lagenaria vulgaris or cucurbita lagenaria).—This is ৰহুতা kadua generally, or ৰহু kaddu in South Bhagalpur. Another name in Gaya, South Munger, and the west generally is ভীকা lauka, with a variant ভীতা laua in Patna. In East Tirhut it is also called ব্যাহ্যৰ sajiwan.
- 1069. (6) Lagenaria acutangulus or eucumis acutangulus.—This is নাৰ taroï generally. Other varieties are খন-প্ৰায় satputiya, দিল্লা jhinga, দিঁগুলী jhinguni, or ক্ষিত্ত jhinguli, and নাৰ গ nenuān, ঘিখনা ghiura, or ঘৰ-ভা gheura.
- 1070. (7) Cucumber (cucumis sativus).— खीरा khīra. A variety is बाह्म खीरा bālam khīra in Shahabad. A large variety of

cucumber is called कवन्दी kakri or काँकरि kānkari (cucumis utilatissimus). Natives much appreciate this vegetable, as in the proverb निकौरिया ग्रेसांच चार, काँकरि देखि चिया फाट nikauriya gelāh hāt, kānkari dekhi hiya phāt,—the man without money went to market, and his heart burst when he saw the cucumber. The great size of the plant is well illustrated by the proverb एक चायक काँकरि, नौ चायक बीया ek hāthak kānkari, nau hāthak bīya,—a cucumber only one cubit long has an offspring nine cubits long. (Cf. the parable of the grain of mustard-seed.)

- 1071. (8) The sweet pumpkin (cucurbita pepo).—This is को इन्हा konhra; also in North Tirhut को इन्हा komhra, and in East Tirhut कहीमा kadīma. Another variety, much used for making sweetmeats, is भतुषा bhatua to the west; also भूषा bhāta or भूषा bhāta in Gaya, िष्याको इन्हा siskonhra in Champāran, िष्याको इन्हा sijkonhra in Tirhut, मुद्याको इन्हा surujkonhra in South-East Tirhut, and कुम्ह kumhar to the east.
- 1072. (9) विविधा chichira or विद्या chichura (north of the Ganges), the snake-gourd (trichosanthes anguina).—In East Tirbut it is केना kaita, and in Sāran केन kait.

MISCELLANEOUS VEGETABLES (IN ALPHABETICAL ORDER).

- 1073. The writer regrets that he has not been able to identify the botanical names of more than a few of the undermentioned plants. In some cases the identification given is doubtful. He has to thank Dr. Shaw, Civil Surgeon of Darbhanga, for much assistance rendered in correcting the botanical portion of this division.
 - चलनीदा ajmoda or (Tirhut) बनन्जवादन banjewāin, parsley (petro-selinum sativum or ? apium involucratum).—Cf. पितरन्येची pitarseli. ...

चन्दार्म ajwāin,—see नवार्म jawāin.

चदः त्व adrakh or चदः त्क adrak, ginger (zingiber officinale), also चादी ādi generally, चाद ād in South-East Tirhut.

चनपन्गोन asaphyol,—see चपन्गोन saphyol.

चाद ād, चादी ādi,—see चदन्त adrakh.

इमिरन्ती imirti, or in Gaya रमन्चरन्ना ramcharna, an acid curry-vegetable, the fruit of spondia mangifera (?).

क्य kath,—see खेर khair.

कमस पतःर kamal patr,—sec पिथाज piyāj.

करमन्त्रका karamkalla or बन्धा कोबी bandha kobi, cabbage (brassica olereacea).

कस्राभी साम kalmi sāy, the tops of convolvalus repens, much used as a spinach.

कवाक kawāchh, - see केवाँक kewānchh.

कासनी kāsni, endive (cichorium endicia).

काइ kāhu (Patna and Gaya), a kind of lettuce (lactuca satira).

कुन-री kunri, a creeping-plant, of which the fruit is used for curries.

केबॉक kewānchh or कवाक kawāchh, a plant which produces a pod like a bean (dolichos pruriens). In Gaya it is सूप सेम bhūp sem.

केता kaita,—see चिचिरा chichira.

कोचन्सा के साम kochla ke say, a kind of spinach.

कोबी kobi, the cabbage (brassica oleracca).

खुरन्या khurpha or गोलावा golāwa (Sāran, Patna, and Gaya), purslane (portulaca sativa).

ख्यान्वरी khusbari,—see मकोय makoe.

खेखन्सा khekhsa,—see चडैल chathail.

चैर khair or कथ kath, catechu (acacia catechu).

गदीना gadina, a kind of pot-herb with a taste of garlie.

गजन्दा or गजन्दा yajra or (in South-West Shahabad) गाजद gājar, the carrot (daucus carota).

गाजह gājar,—see गजन्रा gajra.

युक्त-का gulpha, a kind of spinach.

गेन्द्रस्ती genhri or (in East Tirhut) गेन्द्रासी genhāri, a pot-herb (? amaranthus framentaccus).

गसन्दर्भ gelhanta, गोलन्भरम golbhanta, - see वैंगन baingan.

गोजावा golāwa,—see खुरन्पा khurpha.

गोस मिरिच gol mirich or गुलमिरिच gulmirich,- see मिरिच mirich.

stalk is eaten by the poor (? aponogeton monostachyon).

चडेस chathail or चडेस chatail, a much-appreciated curry-vegetable, a creeping-plant. In Gaya it is called खेल-सा khekhsa.

चनःसर chansur, a kind of cress (lepidum sativum).

चितर-सेस्री chitarseli,—soo पितर-सेस्री pitarseli.

चॅमवा chengua,— 800 बेंगन baingan.

जनाइन jawāin (west, Patna, and South Bhagalpur), जनाइन ajwāin (Gaya and South Munger), जनाइन jewāin (north of the Ganges), a plant something like aniseed (liqusticum ajowain and ptychotis ajowan), जोरासानी जनाइन khorāsāni jawāin is hyosciamus niger. This plant is not the true aniseed (anisi).

जीरा jira or (South-East Tirhut) जीर jir, cummin (cuminum cyminum).

जेवादन jewāin,--see जवादन jawāin

डिंद्या tharhiya,—see मार्चा mārsa.

डिङ्गि भिरन्तार diriya mirchāï, देंरिया भिरन्तार dheñriya mirchāï, see मिरिच mirich.

तर-कारी tarkāri,—see तीयन tiyan.

सर-कोंबा tarkonka (Patna), the bud of the red lotus, used for medicine.

तीयन tiyan, तरःकारी tarkāri, or पतौरा pataura, the general term for vegetables.

धनियाँ dhaniyan, coriander (coriandrum sativum).

नेवार newār,—see मूली mūli.

पतौरा pataura,— see सीयन tiyan.

परन्वर parwar, पजन्वज palwal, परोर paror, परोरा parora, or (in South Bhagalpur) परोज parol (trichosanthes dioica), (Roxb.)

पन्ताकी palānki,—see पासक pālak.

पालक pālak, पांलाकी pālki or (East Tirhut and Champaran) पत्रांकी pāiānki, spinach (spinacea oleracea).

पितरःसेखी pitarseli or (Tirhut) चितरःसेखी chitarseli, parsley (petroselinum sativum or ? apium involucratum).—Cf. खजन्मोदा ajmoda.

पियान piyāj or (South Bhagalpur) पेयान peyāj, and north-west कमन पत्र kamal patr, the onion (allium cepa).

प्रदेशा pudena,—see पोदीना podina.

पोदीना podina, पोदेना podena, or प्रदेशा pudena, also (Tirhut) इदेशा phudena, mint (mentha sativa or viridis).

फ़देना phudena,—see पोदीना podina.

क्राचनी phulkobi, the cauliflower (brassica olereacea).

वकः सा bakla, वकुसी bakuli, वॅगन्सा banyla,—see वोकन्सा bokla.

बनन्जवादन banjewain,—see चजन्मोदा ajmoda.

बन-सट्का banbhutka,—see मकीय makoë.

विरन्याद birwaï (Gaya), vegetable seedlings.

बिसाप्रती परचा bilāeti patua, roselle (hibiscus sabdariffa).

विलापनी बैंगन bilāëti baingan, the tomato (solanum lycopersicum).

वैगन baingan, भवा bhanta (usually confined to the round variety) or गोल-भन्या golbhanta, and in South Munger also गेल-एक्टा gelhanta and चॅगन्या वैगन chengwa baingan. In East Tirhut it is optionally भाँडा bhānta; the egg-plant (solanum melongena). Compare the proverb काचू के भव्या वैशे काचू के भव्या पन्य kāhu ke bhanta bairi, kāhu ke bhanta panth,—to some the egg-plant is an enemy, to others it is prescribed as a regimen; i.e., what is one man's meat is another's poison.

बोकन्सा bokla or बँगन्सा bangla (north-west), बकन्सा bakla (Champāran), बक्कसी bakuli (South-West Tirhut), बोकन्सा बीन bokla bīn (South-East Tirhut) (?), a kind of bean (? faba major).

भट-क्रुचाँ bhatkāān, भट-कोँचा bhatkoña,—see ककोच makoe. भटन bhanta,—see बैँगन baingan.

भिष्की bhindi or राम नरोद rām taroï, also to the east राम परोर rām paror, a long kind of fruit used for cooking (hibiscus esculentus or abelmoschus esculentus).

मुटन्का bhutka,—see मकोच makoc.

मूप सेम bhūp sem,—see केवाँक kewanchh.

मकोय makee (west and Tirhut), खुषःवरी khusbari (gooseberry), or (purple variety) भटन्कों चा bhatkoña or भटकुषाँ bhat kūān, the cape gooseberry, or tipares (physalis Peruriana). The red variety is also सुटन्का bhutka or वनस्टन्का ban bhutka in South-East Tirhut.

मरिचा maricha,—see मिरिच mirich.

मांरन्या mārsa or ठिङ्घा tharhiya (west), amaranthus mangostanus. मिरन्या mircha, मिरन्याद mirchāi,—800 मिरिय mirich.

मिरिच mirich or (West Tirhut, Shahabad, and Gaya) मिरिचा maricha and मिरिचाइ mirchāi, (Patna) मिरिचा mirchā, (South Munger) डिड्या मिरिचाइ diriya mirchāi, (Gaya) हैरिया मिरिचाइ dheñriya mirchāi, long pepper, &c. (capsicum fastigiatum, &c.) गोच मिरिच gol mirich or गुजनिरिच gul mirich is black pepper (piner nigrum). Bird's eye pepper (capsicum baccatum) is डोॅंगिया मिरिचा longiya maricha or जेया मिरिचा jaiya mircha.

सुन-गा munga,—sec सैयन saiyan.

सुरई muraī, सुराद murāī, सुन्नी mulli, सूर mūr, सूरो mūro,—see सूनी mūli.

मुजी mūli, मुजी mulli, or मुर्द muraï or (East Tirhut optionally) मुर mūr, (South Munger) मुराद muraï, (South Bhagalpur) मुरो mūro, the radish (raphanus sativus). In Shahabad there are two kinds—(1) नेवार newār, which is large, and (2) जुनिया lutiya or देखिना desila, which is small.

मेथी methi or मेंथी menthi, fenugreek (trigonella fænum Græcum).

रमन्चरन्ना ramcharna,—see इमिरन्ती imirti.

रस्न rasun, रस्न rassun,—seo खद्दन lahsun.

रहरिया सेम rahariya sem or राम रहर rām rahar, a kind of bean, not a climbing-plant, but a shrub.

राम तरोद ram taroï, राम परोर ram paror,—see भिष्ठी bhindi.

विशःसन lahsun, or to the east रद्धन rasun or रसान rassun, garlic (allium satirum). A clove of garlic is पोटी poti or पोट pot.

लुतिया luliya,—see मूजी mūli.

वाँ गिया मिरिच longiya mirich,—see मिरिच mirich.

सफरगोस saphyol, or in South-West Shahabad समकरगोस asaphyol (phantayo isabyhola).

चक्रगम salgam and also (south of the Ganges) चल्लाम saljam, the turnip (brassica rapa).

बदःजन sahjan, &c.,—see चैंचन saiyan.

चिंचाड़ा singhāra, the water-caltrop (trapa bispinosa or natans).

- चीम sim,—see सेम sem.
- पेम sem (west), चीम sīm (east), a bean (phaseolus magnus). A variety is सेमा sema.
- चैयन saiyan, or (Tirhut) चोहिजन sohijan or चोहञ्जन sohijan or चहञ्जन sahjan, or (Shahabad) चृहिजन sañhijan or (Patna) चहञ्जन sahjana, the horse-radish tree (hyperanthera moringa). Its fruit is called मुनन्गा munya, and is used as a vegetable, and its root (which tastes like horse-radish) is used as a condiment.
- नेंद saumph, ? a kind of aniseed (prucedunum graveolens or anethum sowa).
- बरन्दी hardi, or in Shahabad optionally बन्दी haldi, turmerio (curcuma longa).
- चलन्दी haldi,—see चरन्दी hardi.

SUBDIVISION II.

INSECTS AND CAUSES OF INJURY TO CROPS.

CHAPTER I.-DESTRUCTIVE INSECTS AND DISEASES.

- 1074. Among these may be noted the following, which are arranged in alphabetical order:—
 - चैगःरा angra (north-west), भरका jharka (Sāran and Tirhut), blight in cereals caused by the sharp west wind; also (Champāran) a blight in opium. See मुरका murka.
 - चरैया araiya,—see पाचारी poāri.
 - uktha (south), a sort of mildew which dries up the grain in wheat.
 - जनन्दा ukrha, अखन्दा ukhra, जनन्मा uksa,—see जमन्दा ukhtha.
 - प्रकारा ukhtha or अकन्द्रा ukrha (north generally), उद्या ukhra (Tirhut), उक्तन्या uksa (north-west), withering of crops from excessive drought.
 - जोरक aurang (Champāran),—see गपन्तू gaptu; also (north-west) or (in Tirhut) वभन्ती babhni, a white spot appearing in the

leaf of millets, causing them to wither up.

कचोड़ा kachoha (South Bhagalpur), a disease in tobacco.

कजन्दा kajra,—see कजन्दी kajri.

कजन्दी kajri (generally), कजन्दा kajra (West Tirhut, Patna, and Gaya), कजन्दा kajla (North-West Tirhut), मजन्दी majri (East Tirhut), a green grub which eats the young plants of rice, wheat, and barley when they are about six inches high.

कजन्सा kajla,—see कजन्ती kajri.

कहर katui, an aquatic beetle which infests rice.

कटेंचा kataiya (South-West Shahabad), कटोई katoï, कटोइया katoïya (elsewhere south of the Ganges), a blight which attacks rice and turns the ears an orange colour and destroys them.

कटोद्या katoiya, कटोई katoï,—see कटेया kataiya.

कतःरी katri (South-West Shahabad), a disease of the rice-plant.

कनाउा kanātha, कन्ही kanhi,—see कीरी chhiri.

कपन्टा kapta (Champaran), an insect which attacks young rice.

कसुचा kamua,—see कमा kamma.

कमा kamma or कमुखा kamua (Patna), a smooth kind of caterpillar.

किरौना kirauna,—see गाँधी gandhi.

कीरी kiri or (South Bhagalpur) कीरो kiro, a maggot.

क्रकही kukurhi (Sāran and Tirhut), an insect which attacks cotton.

कुन्दी kukuhi (north-west), an insect which injures the coldweather crops.

क्रुपन्वटन्ना kuswatna (north-west), क्रुपियामा kusiyāna (Tirhut), a blight in transplanted rice.

कुषियान्ना kusiyana,—see कुष्यन्वटन्ना kuswatna.

केंडचाँ keñuān,—see जरना larka.

कोरया koiya, a tiny black insect which does great damage in granaries.

कोइजी koili, कोड़िया korhiya, केजिया kailiya, blights of various kinds in rice.

को दिया korhiya, के जिया kailiya,—see कोर्सी koili.

खंबन्दी khankhri, a blight in cereals on account of which no

- चपन्होद्या khaproiya (Champaran), गङ्गरा garra (Gaya, Saran, and Tirhut), a small white insect which attacks rice.
- खरका kharuka,—see जासा jāla.
- बैरा khaira (west), बेरी khairi (North-East Tirhut), a blight which attacks rice and turns the ears an orange colour and destroys them.
- गङ्ग्रा garra,—soo खपग्रोद्या khaproiya.
- गड़ार garār (north), a grub which attacks the roots of sugar-cane.
- गदन्दी gadhi (north) or (Sāran and East Tirhut) गदिचा gadahiya, an insect very destructive to growing pulses.
- गञ्चकी gandhki (Patna and Sāran), a small green fly, which attacks rice.
- गन्धी gandhi,—see गाँधी gandhi.
- गपन्तू gaptu or गपन्तुचा gaptua (Patna and north), गभन्तू gabhtu, ठाँ दियारी thouthiyāri (Shahabad), गपन्छ gapsu (Savan), and चौरङ्क aurang (Champāran), a disease affecting millets, sugar-cane, and Indian corn, in which the tops wither.
- गभन्तू gabhtu,—see गपन्तू gaptu.
- गाइर gādur (South-West Shahabad), an insect which attacks pease and gram.
- other names are माँकी mānchhi (north generally), किरोना kirauna (South-West Shahabad), and भेमन्रा bhenra (South Munger), the flying-bug,—an evil-smelling insect, which attacks principally the millets before the flowers are formed.
- गेरचा gerua (west), the grub which attacks the roots of sugarcane.
- in which the plant dries up and assumes a reddish colour while the ear is black. It is caused by excess of winter rains and east wind.
- बोबन्दोदा gobraura (West Tirhut and west), blight in betel.

- गोभी gobhi, a disease produced by prevalence of severe winds, and consisting in the plant giving out little shoots, which weaken it.
- बींको gaunchhi (West Tirhut, Patna, and Gaya), an aquatic beetle which destroys rice by floating from one plant to another in a boat made of a leaf.
- चँचन्री ghanghri (Shahabad),—see घौँचन्ड्री ghonghri.
- चून ghūn, a weevil destructive to wood and grain.
- चाँचन्द्री ghonghri or (Shahabad) चँचन्दी ghanghri, a worm in the ear of millets and gram.
- चनःरा chatra,—see मुखार muar.
- चपटन्वा chapatwa (South-West Shahabad), a small green fly which attacks rice.
- हपःटा chhapta (north-west), पचन्त्रहा pachkatta or (Tirhut) पतन्त्रहा patkatta, a green caterpillar which eats up the rice-plant.
- शेरा chhira,—see भौरी chhiri.
- होरी chhīri (south and west), इंडी chhenri north-west and Tirhut), also होरा chhīra in Champāran. Other names are कही kanhi (South Munger) and कनाउ। kanātha (South Bhagalpur), the palmer (?) worm, which attacks pulses, cotton, and tobacco.
- चेंडी chhenri,—see चीरी chhiri.
- जाला jāla (Tirhut, Patna, and east), पक्छन pakkhan (West Tirhut and Gaya), खरका kharuka (South-West Shahabad), सुरका murka (west and West Tirhut), a blight in opium.
- भारन्ता jharka, see च्यान्स angra.
- দিলী jhilli (north-west), দুল্মারা phulbhanga (Tirhut), an insect which eats the stalks of pulses and makes the leaves crumple up.
- राइ। tāra or राँड़ा tānra (west), a small green insect which ravages wheat and eats the roots of sugar-cane.
- হাৰ্য tāra (north-west), হাঁৰী tānri (North-West Tirhut), a grub which cats the young plants of wheat and barley when they are about six inches high.
- হীক্বী tīri or (South-West Shahabad) হিলেই tirri, and দিলে pharinga (Tirhut and east), the locust.

हन-की tunki (north), a disease which attacks rice.

डोँ दियारी thonthiyari,—see गपन्त् gaptu.

निनिकी titili, a butterfly.

- संखन्त्र telchat (Patna and east), पटोद patoï (West Tirhut, Gaya, and South Munger), a disease of the castor-oil plant.
- dakhināha (Gaya and south-west); also नीमा nīma (North Tirhut), चिरोरा sirora (Patna), and पोरो pīro (South Bhagalpur), a disease of rice, millets, and sugar-cane caused by a noxious wind from the south. A white spot appears on the leaf of millets, and they wither. In sugar-cane the tops wither.
- इंडिया dahiya (north), a disease in चीना chīna (Panicum frumentosum).
- दिचाँका dianka, दिजॅका dinnka, दियाँका diyānra, दियार diyār, दिवार diwār,—see दीयाँ diyān.
- होयाँ dīyān or दियाँड़ा diyānra (Patna, Gaya, and southeast), दिखँका diunka (South-West Shahabad), दिखँका dianka or दिखका diaka (west generally), दियार diyār (Champāran and Tirhut), and दियार diwār (East Tirhut), the white ant.

मौमा nīma,—seo दिखनन्दा dakhinha.

नेड़ा nerha,—see खेंड्रा lenhra.

पक्खन pakkhan,—see जाना jāla.

पक्खी pakkhi or पविद्या pakhiya, a small insect which attacks the singhāra plant or water-caltrop (trapa natans or bispinosa).

पच-कद्दा pachkatta, पत-कद्दा palkatta,---see कपन्टा chhapta.

परादी patārhi,—see पॅटादी petārhi.

ण्टोइ patoï,—see तेल चट telchat.

- পিতীৰ pitoi (Patna and South Munger), a small green insect, which ravages wheat and eats the roots of sugar-cane. = তাঁৱৰ tānra, q.v.
- ণিৰু pillu or ণিৰ্মা pilua, a small white maggot, which attacks cotton, safflower, and grain, whether growing or stored.

पिचिका pihika,—see सुखन्डा sukhra.

पौरो piro,—see दखनन्डा dakhinha.

पंडाड़ी petārhi or पडाड़ी patārhi (Tirhut), an insect which attacks stored rice only.

पेटारकी petārhi (Shahabad), a red-coloured insect which attacks cotton, gram, and the castor-oil plant.

पेया paiya, a worm in the ear of grain.

भोषारी poari (east) or खरैया araiya (South Munger), a disease of the rice-plant.

पौरी paunchhi (Patna and South Munger), a branch springing from the root of sugar-cane and injuring it.

फटाचा phatha (South Bhagalpur), फद्रा phatta (South Munger), a disease of the rice-plant.

पहा phatta,—see पर का phatha.

দানিক্সী phatingi, a kind of grasshopper which eats the leaves of sugar-cane.

फनरगी phangi (west), a kind of grasshopper which appears in years of drought and attacks roots of wheat and gram.

पानिमा phaniga,—see सुरन्का surka.

परिङ्गा pharinga,— see टीड़ी tiri.

फाटी phāti, a blight in the ear of rice.

फाँड्रा phānra (Tirhut) or फाँड्री phānri (Tirhut), a weevil destructive of wood and grain.

फुल्मज़ा phulbhunga,--see किसी jhilli.

बकुला bakula,—see बद्धी bakki.

बक्क bakuli (south-west), a green caterpillar destructive to rice. Cf. कमरी kajri.

बनेया bakeya,—see बन्नी bakki.

बक्की bakki, also बकेया bakeya or बकुला bakula (also in West Tirhut) in Shahabad, and बुढ़िया burhiya or बड़न्सी barhi in South Bhagalpur, a small kind of caterpillar which attacks rice. A larger kind is बाँका bānka.

बङ्•ही barhi,—see बह्नी bakki.

बभरनी babhni (Tirhut), a blight affecting rice, sugar-cane, millets, and opium. See also चौरक्ष aurang and सुरुका murka.

- वसुचा balua, बलुद्र baluï,—see बाजू bālu.
- बाँका bānka,—see बन्नी bakki.
- দকী bānki (Gaya), a disease which attacks the leaves of trees (especially the pepper-tree), and causes them to curl up and wither.
- बाला bāla,—see बाज bālu.
- बाजू bālu or बन्धा balua (Patna, Gaya, and south-east), बन्धरे baluï (Shahabad), बाजा bālu (South-West Shahabad), an insect which eats the stalks of pulses and makes the leaves crumple up.
- बीमज bijhal (Gaya and South Munger), weevil-eaten.
- बृहिया burhiya,—see बन्नी bakki.
- भङ्ख bhankh,—see भाँख bhankh.
- भरन्ता bharka (West Tirbut and south-east), an insect injurious to rice, caused by prevalence of south winds and excess of rain.
- भवन्ता bhañwra,—see भेंड्रा bhenra.
- भर्की bharki (South Bhagalpur), a disease of the rice-plant.
- भाँख bhānkh (north) and also भाँखी bhānkhi (north), भङ्ग bhankh (east), a blight which attacks the millet चाँवाँ sāñæān (panicum frumentaccum).
- भ्रत्ना bhuila, भ्रद्भी bhuili, भ्रुट्टी bhurri, भ्रुट्की bhurli, मृदिना bhurila, भ्रुट्की bhurili,—see भूषा bhūa.
- भूषा bhūa (Tirhut, Patna, Gaya, and east), मुरला bhūila or सुरन्ती bhūili (West Tirhut and north-west), also मुरन्ती bhūrli (Sāran), सुरिला bhūrlia, मुरिन्ती bhūrli, or सुरन्ती bhūrli (south-west), a hairy worm which eats the leaves of the easter-oil plant and pulses, and is fatal to cattle when eaten.
- भेड़ा bhenra or भेड़न्या bhenra (Patna and east), भेवन्दा bhañara (West Tirhut aud Shahabad), an insect which attacks millets and stored grain in dry weather.
- भॅमर bhemra,—see गाँधी gandhi.
- भगरा mangra (South-West Shahabad), an insect which attacks the sugar-cane in the root.

मजन्दी majri,—see कजन्दी kajri.

मर-चित्रा marhinna, मरी mari,—see मुचार muār.

माँची manchhi,—see गाँधी gandhi.

मारा māra (North-East Tirhut), a disease in rice which withers the plants.

मुचार muār (west), चनन्रा chatra (Patna and Gaya), मराचित्रा marhinna (Tirhut and East), मरी mari (West Tirhut and South Bhagalpur), a disease in which the whole plant is burnt up.

सुरन्का murka (north), also ऑगन्रा angra (Champaran), and वभन्नी babhni (Tirhut), a blight in opium. See जासा jāla.

मुरिया muriya,—see सुख-ड़ा sukhra.

खर्कानिया luchhminiya (East Tirhut), a small, thin, red-coloured beetle found in granaries. It does no harm, and is reverenced by grain-merchants.

ভাকো larka or (Gaya) ভাকো larka, a worm which attacks gram and pease. North of the Ganges it also burrows into the ribs of the leaf of the tobacco-plant, and is then called কৈওৱা keñuān in Tirhut.

लाची lāhi, plant-lice.

चेंद्रा lenrha (west and West Tirhut), नेद्रा nerha (Tirhut), a disease in wheat or barley in which the ears turn black.

घड-का sarka, a worm in the root of rice.

चिरका siruka,—see सुरन्का surka.

चिरोरा sirora,—see दिखनन्दा dakhinha.

सुखन्दा sukhtha,—see सुखन्दा sukhra.

सुबन्दा sukhra (West Tirhut and south generally), सुबन्दा sukhtha (West Tirhut and west), पिचिका pihika (rest of Shahabad), मुरिया muriya (South Bhagalpur), a blight in sugar-cane.

बुँदन्दी sundri (east), an insect which eats the leaves of the castor-oil plant.

चुपा sunda,—see चुँडा sūnra.

surka (East Tirhut and Shahabad), विषका siruka (Saran and Patna), फनिया phaniga (Tirhut and South-West Shahabad), an insect which eats the leaves of sugar-cane and destroys gram, pease, and cereals.

पूजा sūnra or पूजी sūnri (Tirhut and south generally), दंद sūnrh or पूजा sūnrha (Gaya), सुखा sunda (West Tirhut and south-east), a kind of weevil destructive to wood and stored grain. Cf. कीरी kīri.

चूँड़ sūnrh,—see सँड़ा sūnra.

- tobacco-plant, and throwing it far out of the soil.
- ধ্যা hathiya (North-East Tirhut and Gaya) and ধ্যা দুৱা hathiya sunda (south-east), a small white insect which damages rice.
- up the grain in cereal crops. The plant turns yellow, and the ear black.

CHAPTER II.—NOXIOUS WEEDS.

1075. These are as follows:—

चॅंकन्टा ankta, – see चॅंकन्रा unkra.

जैकन्स ankra or जैकन्सी ankri (West Tirbut and Shahabad), जैकन्टा ankta (Tirbut and elsewhere south) (vicia sativa), it appears in wheat.

चित्र agiya (north and east), a weed which burns the riceplant (from चाग āy, fire).

चयःड्रा ukhra,—see च्या hadda.

उरुकुस्ती urkussi, - see विकौतिया bichhautiya.

ककना kukna (Patna, Gaya, and south-east), बनन्सरी bansāri (Shahabad and East Tirhut), a weed which chokes crops.

कढररँगन्नी kathrengni,—see रॅंगन्नी rengni.

कनन्याँ kanwān, कन्ना kanna,—see काना kāna.

कनन्सन kansan,—see काँसी kānsi.

- काना kāna (Tirhut, Patna and east), कन्ना kanna (north-east Tirhut), कन-वाँ kanucān (Gaya), केना kena (West Tirhut and west), a weed which chokes rice (a species of Coix).
- काँची kānsi (West Tirhut, Patna, Gaya, and the south-east), काप kās (Shahabad and North Bihār), कन्यन kansan (Sāran), (saccharum spontaneum), a most destructive grass.

नेना kena, - see काना kana.

कोइस को koil kho, - see गोरन्ड्स gorkhul.

खबुका kharuka,—see खरम्था kharthūa.

चर्चा kharthāa (Patna and Gaya), वश्चा bathua (generally) खडुका kharuka (North-East Tirhut and Shahabad), मोचही mochatti (ditto), a weed in opium.

खर का khurka or महेनी machhaiti (north), also वचारी ruāri (Saran), a weed in opium. Cf. वचारा ruāra.

गड़-घर garhar,—see गाँड्र gānrar.

गढ़-दो garhro,—see गॅड्-डच्या gerharua.

गहार garār,—see गाँड्र gānrar.

गाँड्र gānrar (West Tirhut and Patna), गड़ार garār (Tirhut and east), जमार गड़ार jamār garār (South Munger), गड़ार garhar (South-West Shahabad), a weed which injures rice (various species of Coix).

गङ्ख्या gerharua (north-west), गङ्ग्री garhro (North Tirhut), a weed in cereal crops.

गोएका gokhula,—see गोरन्ड्स yorkhul.

गोर-खड़ gorkhul (west), बाँची bānsi (generally), गोखुड़ा gokhula (West Tirhut, Patna, Gaya, and South Munger), कोर्ड को koïl kho, a plant which injures rice (tribulus terrestris).

चपन्डा chapra,—see घुरन्पा dhurpa.

चित्र-होर chichhor, विचोर chichor, विचोरी chichori,—see सँड्र lenrai.

चौपदा chaupatta,—see पिपन्रा pipra.

जॅगन्हा jangla,—sec भिष्णा jhirua.

जामार गड़ार jamār garār,— see गाँड्र gānrar.

जनार jamhar, जानर jamhar (Patna and South Munger), जिन्हार jinhar (South-West Shahabad), and उन्हरी damharo (South Bhagalpur), a coarse hard grass, infesting poor soils (varieties of andropogon.)

जासर jāmhar,—see जमार jamhār.

जिन-वाँ jinwān, a grass something like दूम dūbh, q.v.

जिन्हार jinhār,—see जन्दार jamhār.

भर jhar, भर्गा jharnga, भार jhar,—see भारङ्ग jharang.

आरङ्ग jhārang (north-west), आरँगा jharnga (Shahabad), आर jhār or आर jhar (Tirhut and east), a weed which injures rice

fদৰৰা jhirua (Patna, Gaya, South Munger, and North Bihär).
দিবীৰা jhirua (South Munger), দিবৰা jhirua (South Bhagalpur), জঁগৰো jangla (South-West Shahabad), শীবা jhiro (East Tirhut), a weed which chokes rice.

भौरो jhiro,—see भिष्णा jhirua.

डोकरा thokra,—see विकीतिया bichhautiya.

उन्हरो damharo,—see जन्हार jamhār.

डर dar, डेयोरा deyora,—see मोंथा monthu.

डामी dābhi (north) a coarse grass, injurious to crops (xyris indica).

तितिकी titili,—see पिपन्रा pipra.

दुधिया dudhiya,— seo च्या hadda.

दूस dubh or दूब dub (north and east), also दुसी dubbhi (south), a grass which overspreads fallow fields (cynodon dactylon).

भुरमा dhurpa (Patna, Gaya, and South Munger), भुरप dhurup (South Bhagalpur), भुर्ग chapra (Shahabad), a tough, coarse grass spreading over uncultivated lands, which are inundated yearly (cynodon dactylon). It is only removed by digging.

मक-विक-नी nakchhikni,—see रॅंगन्नी rengni.

पिपन्त pipra (Sāran, Patna, and east), प्रपन्त pupra (South Bhagalpur), चीपहा champatta (South-West Shahabad), तित्व titili (generally), a weed in wheat.

प्रपन्दा pupra,—see पिपन्दा pipra.

बद्दारेडमा bargohuma (south and east), a weed in wheat.

बश्चा bathua,—see खरन्यचा kharthūa.

वन-पियसुषा banpiyajua, बन-पियास banpiyāj, and बन-रसन्ना banrasna,—see चणारा ruāra.

वनन्सारी bansāri,—see ककन्ता kakna.

वसाँदी basanrhi,—see वसीँता basaunta.

वर्धेना basaunta (West Tirhut and north-west), वर्धे । basānrhi (Tirhut), a weed which injures the spring crops (acalypha indica?)

- वाँची bānsi,—see गोरन्ड्स gorkhul.
- क्रिकोतिया bichhautiya or विक्रवितया bichhwatiya is a parasitic plant which injures the poppy. It is also called भराभाँ इ bharbhānr in South-West Shahabad, टोकरा thokra in the rest of that district and north of the Ganges, and जराकसी urkussi in South-East Bihār.
- भँगन्दा bhangra (West Tirbut, Patna, Gaya, and South Munger), भँगन्देया bhangraiya (Tirbut and east), भँगदिया bhangariya (North Bihār and Shahabad), भँगदिया bhangariya (Tirbut) (verbesina prostrata), a small creeping-weed with a white flower which injures rice.

भँगरिया bhangariya,—see भँगन्रा bhangra.

भर-भाँड् bharbhanr,—see विकीतिया bichhantiya.

भॅगरिया bhengariya,—see भँगन्दा bhangra.

- भक्दा makra (north and east), a rough coarse grass spreading over uncultivated lands which are inundated yearly. It is only removed by digging (cynosurus).
- महेती machhaiti,—see खरन्का khurka.
- महेर mañrer (Patna, Gaya, and east), महर marar (South Bhagalpur), मरेन maren (Shahabad), a weed which chokes rice.
- मोचही mochatti,—see खरन्यूचा kharthua.
- मोचा montha, also डर dar and मोना mauna (also in West Tirliut) in the south-east, and डेयोरा deyora in South Munger.

 A coarse grass which grows in uncultivated land and injures the autumn crops (cyperus rotundus).
- राही rāri (north), a coarse hard grass infesting poor soils.
- रचारा ruāra (Patna), बमन्दसन्ता banrasna (Gaya and South Munger), बनन्दियाज banpiyāj or बनन्दियाज banpiyajna (Tirhut and Shahabad), a weed which grows in opium. Cf. खरन्तां khurka.
- रचारी ruāri,—see खरन्का khurka. Cf. रचारा ruāra.
- रंगन्नी rengni, the Mexican poppy (argemone Mexicana), a thistle like plant, which overspreads fallow fields. It is also called नक-किकन्नी nakehhikni or (to the east) कटन्स्मानी kathrengni. It was introduced into India in a earge

- from Mexico within the last hundred years, and is now very common.
- सँड्रं leñrai (north-west), चिचोर chichor (north and Gaya), विचोरी chichori (Tirhut), विचन्दोर chichhor (east), विचोरो chichoro (South Bhagalpur and Tirhut), a weed which chokes rice.
- hadda or ওজারা ukhra (West Tirhut and south), or (West Tirhut and Gaya) হুছিয়া dudhiya, a small creey ag-plant injurious to crops (euphorbia hirta). Cf. also § 1183 for other names.

CHAPTER III.—MISCELLANEOUS.

- 1076. A stunted crop is बैडल डासिस baithal hāsil north of the Ganges. In Shahabad and West Tirhut it is सित्रियाण्ड situriyāël or नत्रियाण्ड taturiyāël, or in Sāran, सुनिर्याण्ड suturiyāël. In Gaya it is टिंग्रियाण्ड thinguriyāël, in Patna भेंडन्वॉस bhentwāns, in West Tirhut and South Munger द्वरियाण्ड thuriyāël, and in South Bhagalpur विरानियाण्ड birniyāël. A blighted ear is सराण्ड marāël north of the thanges. In Shahabad it is खन्दा abda or दगन्दार daydār, in Patna and Gaya कोर्ड koël, and in the south-east मरा mara. पेया paiya in Gaya and the west, and भोर bhor to the north-east, is rice in which the ears have no seed. Blighted millets are called अखियाण्ड bhakhiyāël in the north-west, and भख चहुजा bhakh chatua in Tirhut. In Shahabad they are खुन्डा khnkkha or खोज-इन khojra, in Gaya खुन्जा alyal, and in Patna फुल-इर phuthar.
- 1077. Crops withered from drought are to the west and in West Tirbut सुचार muār; in Gaya they are मोचार moār, and in Patna सुचन mual. To the east and in Tirbut they are मर्न्डना marhena or मर्न्डना marhinna, and in South Bhagalpur also मरा mara. An irretrievably spoilt crop is विगन्दन चामिन bigral hāsil north of the Ganges. In Shahabad it is बॉक्टरा bānkta, and in Patna चुचुन्थिया chuchuhiya. Searcity of rain is दिवार sukhār.
- 1078. Failure of seed is विजन्मार bijmār in Gaya and the west. In South Munger it is बीया मार biya mār. North of the Ganges it is also निर्विज nirbij, निर्विज nirbij, or खिंडज abijj. Other names are वंभीरा banjhaura (South-West Shahabad), वाँभी bānjhi (rest of Shahabad), वाँभीरी banjhauri in Patna, and देशाप्य daihāëb in South Bhagalpur. In North-East Tirhut there is also कौर जाएय kaur jāëb, and in East Tirhut भवड़ जाएय bhakhar jāëb.

- 1079. Crops trodden down by cattle are भँगाउ (also spelt घडाउ) alkangāth north of the Ganges, local variants being द्वाउ dangāth in South-East Tirhut, भँगाप्र dhangāel in Sáran, and भँगेड़ dhanger in West Tirhut and Champāran. In South-West Shahabad they are अवस्थाप्र lahnāël, in Gaya and South Munger खुराद्ध khurkhūn, and in South Bhagalpur भौगी khīnchi. In East Tirhut they are also called निषेष nighes.
- A hot dry wind which burns up crops is to the west called कोला jhola, and such crops are known as कोलाइल jholaïl or कॉक्ट जोonkral. To the east it is हाड़ा dhārha or हाड़ी dhārhi. A frosty wind which frost-bites the crops is पाला pāla or (to the east) पणा palla. The same words are used for frost-bite itself, and a frost-bitten crop is unifer bārhi (North-East Tirhut), घाष dhādh (Gaya), बाफन āphat (Patna), and बोहा boha or बाद khār in the south-east. Morning fogs are कूडा kūha, of which optional local variants are कुड़ेस kuhes or कुड़ेस kuhes is also current in North-East Tirhut, and in South-East Tirhut we find कुन्स kūmhes. A fog in the day-time is घून dhūm or घूष dhūmdh. Hail-stones are परास्ति प्राप्ति प्राप्ति प्राप्ति प्राप्ति क्षित्र , प्राप्ति क्षेत्र , or बाहिर bangauri, a local variant of the last being देगीरी bangauri or बाहिर bangauriya in West Tirhut, Patna, and the east.

DIVISION VI.

AGRICULTURAL TIMES AND SEASONS.

- 1081. The* Bihār agriculturist follows the Hindu year in calculating his seasons. The year is divided into twelve lunar months (मास mās, माँस māis, महिना mahina, महिना mahina, or महीना mahina) of 30 days each, and therefore consists of 360 days. Each month is further divided into a first or dark half [किसन पख (or पक) kisun pakh (or pachchh)] (commencing with the first day of the wane of the moon), and a second or light half (सकास पख sukl pakh). Roughly speaking, a Hindu month commences at about the 15th of an English month; but as there are thus only 360 days in a year, they begin each year somewhat earlier in the solar year than the year before, till the calendar is brought nearly right every third year by the insertion of an intercalary month (मसन्मास malmās) of 30 days every third year.
- 1082. Besides the above, another important division of the year must be noticed,—that into lunar asterisms (जयन nakhat, जयमार nachhattr, or जियमार nichhattr). There are 27 of these in each year, and consequently $2\frac{1}{4}$ in each month. Each asterism is not of equal length. The longest is राज्या hathiya, which is 16 lunar days. The others range from about 13 lunar days in the dry months to 15 lunar days in the wet. Every agricultural operation commences in a certain asterism, and so it is necessary to know when they occur. The accompanying table shows roughly the relative positions of the English and Hindu months and of the lunar asterisms.

^{*} Part of the following will be found in Carnegy's Kachahri Technicalities.

Approximate European Month.				Name.		
Part of Septe	mber			भासिन Asin or कुमार Kuār		
October •	•••					
November			•••	कातिक Kātik		
December	•••	•••	•••	यग्रहन Aghan		
The second secon				पूस Pūs		
January	,	***		माघ <i>Māgh</i>		
February			•••	फागुन Phagun		
March	•••		•••	चेत Chait		
April	•••	•••		बैसाख Baisākh		
Мау	***	***	•••	a equa Daisakh		
June		***	•••	ਚੇਰ Jeth		
July		•	-	चलाद Akhārh or पसा द Asārh		
				सावन Sāwan or साघीन Sāon .		
∆ ugust	•••	***	•••	भार्दौ Bhādoñ		
Part of Septe	mber	***				

Oark half light ha	(कि सुन पख alf (सुक ग्ल	kisun pak) ख sukl pak	h) and ch).	Asterisms, of which there are two and a quarter to each Hindu month.		
Dark	•••	***		है of डतन्रा फग्नी Utra Phaguni.		
Tiaht				हसा Hast or इधिया Hathiya.		
Light	***			चितररा Chitra.		
Dark	145	•••		खाती Swati or मित्रातो Siwati.		
Light	•••			विसाखा Bisākha.		
Dark		***		घत्राधा Anurādha.		
Light	•••	•••	•••	नेष्रहा Jeshtha.		
Dark	•••	***	•••	मूल Mūl.		
T · 1.4				प्रवाखाद Purba Khārh.		
Light Dark				चतन्रा खाद Utra Khārh.		
	•••	***		मावन Sāwan.		
Light		***		धनिष्ठा Dhanishtha.		
Dark	•	•••		स्तरभोखा Satbhīkha		
Light				प्रब भट्टपद Pārab Bhadrapad.		
Dark		•••		उत्तर भद्राद Uttar Bhadrapad.		
Light		•••		रवन्तो Reoli.		
Dark	•••		•••	यकिनी Aswini or यसन्नां Asni.		
T · 14				भरनी Bharni.		
Light	•••			क्रिशिका Krittika.		
Dark	•••	•••	•••	रोइन्नो Rohni or रोड्निं। Rohini.		
Light	•••	•••		मिर्गित्तरा Mirgsira or मिगिड		
Dark	444	***	·	Mirgidāh. ग्रहन्स Aradra or ग्रहन्स Adra.		
Light	***	•••	•••	पुनर वस Punarbas.		
(5)						
Dark	***	•••	•••	पुल Pukh or चिरेया Chiraiya.		
Light	•••			प्रसन्द स Asres or असन्तिखा Aslekhu.		
Dark	***	•••	• •	सम्बा Maggha.		
Light	•••	•••	•••	पुरवा फगुनी Purba Phaguni.		
				के of जलन्या प्रमुखी Utra Phaguni.		

- 1083. The year current in Bihār is the Fasli year, which commences with the Hindu month of Āsin. The year is also popularly divided into three seasons, viz. the hot (गरमी garmi), the wet (गरमा barkha), and the cold (जाइन jāra). The hot season commences in पासन Phāgun, the wet in चनाइ Akhārh, and the cold in कानिक Kātīk. The following rhymes, some of which will be found also in Carnegy's Kachahri Technicalities, are current over the greater part of Northern India, and show the various seasons for agricultural operations.
- 1084. Cultivation commences in Jeth, in the asterism of Rohni, when ploughing and sowing begin. The rain of Mirgsira is not good, and hence no sowing is done in that asterism. In Aradra sowing is recommenced and transplanting is done for the winter (aghani) crop. This goes on into Punarbas and Pukh if the rains are late. In Magha and Purba Phaguni the urid, kurthi, and other pulses are sown. In Hathiya rain is very important, both for the winter crops and for the sowing of the spring (rabbi) crops. In former days (say cultivators) the rains used to stop in Swäti, which was very good for the crops, but now they end in Hathiya. So valuable is the rain of Swäti that any drop which falls during that asterism into a pearl-oyster becomes a pearl. That is how pearls are made. The rain in Chitra, on the contrary, is very bad.

मन्या लगावे घन्या, सिवाती लावस टाटी। कस्तारी दायौ रानी, इन हूं स्वात बाटी॥

Maggha lugāwe ghaggha, siwāti lāwas tāti, Kahtāri Hāthi rāni, ham hūñ āwat bāti.

-Maggha brings rain-storms, Swāti brings a screen (i.e., rain stops), and Queen Hathiya tells (by her thunder) that she is coming.

फागु कराइ चैत चुक किर्फिक नदृष्टि तार। स्राती नदृष्टि साख तिस्न कष्टि गण डाक गोधार॥

Phāgu karāï, chait chuk, kirttik natthahi tār, Swāti natthahi mākh til, kahi gae Dāk Goār.

Astrologers and poets count six seasons, but the above is the popular division.

—If it rains in the month of Phāgun, urid is spoilt; if in the month of Chait, lemons;* if in the asterism of Krittika, the toddy palms; and if in that of Swāti, beans and sesamum, saith Dāk, the Gowāla.

जी बरसे बेसक्खा राज। एक धान में दोबर चाज॥

Jauñ barse Baisakkha rāu, Ek dhān meñ dobar chāu.

--If King Baisākh (April-May) rain, every grain of raddy will produce two of rice.

कित्तिका चूए को ले मूए। जॉ रोचिनो नाचिकादो कर॥

Krittika chữe chhau le mữe, Joñ Rohini nāhiñ kādo kare.

-If it rains in Krittika, there will be no rain for the six following asterisms, provided Rohini makes no mud.

Krittika is the best asterism for sowing china (panicum frumentosum): hence they say in Tirhut--

जब जिन्हि खरचाक दीन। क्रिनिका में संबोददत चीन॥

Jab janiha kharchāk hīn, Krittika nesī tūš boiha chīn.

-If you find your stock of food becoming exhausted, sow china in Krittika.

मिरमिरा तबय रोसिन जबय श्वरदरा जाय बदबुदाय। कहै डाक सनु भिक्षरि कुत्ता भात न खाय॥

Mirgsira tabay Rohini labay aradra jōy budbudāy Kahai Dāk sunu Bhillari, kutta bhāt na khāy.

-If Mirgsira is hot, Rohini rains, and Aradra gives a few drops, saith Dak, hear, O Bhillari, (rice will be so plentiful that) even dogs will turn up their noses at it.

^{*} चक chuk is a mess of lemons kept for fermentation, and is here applied to the fruit on the tree.

1085. The rain of Aradra (middle of June) is of considerable importance to the future crops: thus—

च्यदन्रा भाँस के बीए साठी। दुख के मार निकासक खाटी॥

Adra māns je boe sāthi, Dukh ke mār nikāla lathi.

-If yoù sow sixty-day rice in Aradra, you strike distress with a club and drive it away.

चादि न बरसे चरदरा इसा न बरसे निदान। कइहिँ डाक सुनु भिक्षरि भए किसान पिसान॥

Ādi na barse aradra, hast na barse nidān, Kahahiū Dāk suna Bhillari bhac kisān pisān.

-If Aradra does not rain at the commencement, and Hathiya at its end, saith Dak, hear, O Bhillari, the cultivator is crushed.

And—

चड़त बरसे चरद्रा उतरत बरसे इस । कतेक राजा दाँड़े, रहे चनन्द गिरइस ॥

Charhat barse aradra, utrat barse hast, Katek rāja dānre, rahe anand girhast.

—If it rain when Aradra commences and when Hathiya is ending, no matter how much rent may be demanded, the householder is still happy.

चरदरा बरसे सभ कि कु चाँ। एक जवास पतर विन भाँ॥

Aradra barse sabh kichhu hān Ek jawās patr bin bhān.

- —If Aradra rains everything grows (lit. is): only one, the jawas (Hedgearum alhagi), loses its leaves.
- 1086. Aradra and Punarbas are the two main asterisms of the month of Akhārh (June-July). This is the great month of the year for finishing the preparation of the fields, as the proverb says, जैकर बन्ड चाउरा ने कर बारहो मास jekar banal akharwa re tekar bāraho mās,—he whose fields are ready in Akhārh, is ready also all the year round. If the rains are late, paddy sowing goes on as late as Punarbas or even Pukh, but this is rarely successful. These last two asterisms are usually devoted to transplanting, and not to sowing.

पुष पुनरवस वीए धान। मामा चासलेखा कादी सान॥

Pukh punarhas boe dhān, Magghà aslekhu kādo sān.

—Sow paddy in Pukh and Punarbas, and in Maggha and Aslekha mix thoroughly the mud (i.e. prepare the fields).

चरदरा धान, पुनरवस पैया। गेल, किसान, जै वोए चिरेया॥

Aradra dhān, punarbas paiya. Gel, kisān, je boc chiraiya.

- -Paddy sown in Aradra turns to plenty, in l'unarbas it has empty ears, and sown in Pukh it turns to nothing.
- 1087. After Akharh (June-July) comes Sāwan or Sāon (July-August), to which the following rhymes apply:—

साचीन सुकला सप्तमी कपि की जगहिं भान। तीँ लगि मेघा बरसे जीँ लगि देव उठान॥

Sãon sukla saptami chhapi kai ũgahiũ bhãn. Tanữ lagi megha barse jauû lagi deb uthãn.

-If on the morning of the seventh day of the bright half of Sawan the sun rises obscured by clouds, it will rain up to the festival of the Deb Uthin (11th of the light half of Katik, i.e. early in November).

साच्चोन सुकला सप्तमी उग के लुक हिँ स्तर। हाँकी पिया हर बरद बराग गेल वहि दूर ॥

Sãon sukla saptame, ey ke lūkahiñ s<mark>ũr,</mark> Hãnko piya har barad, barkha gel bari dũr.

-If on the same day as that above mentioned the sun rises (clear) and afterwards hides itself behind clouds, drive away, my dear, your plough and bullocks, for the rain is very far off.

साधीन सुकला सप्तमी, उदै जोँ देखें भान । तुम जाखो पियां मांलवा सम जैवोँ मुखन्तान ॥

Sãon sukla saptami, udai jou dekhe bhân, Tum jão piya Mālwa, ham jaibou Multân.

-A cloudless morning on the same day (is a sure sign of drought).

My dear (let us leave the country,) I am going to Multan, and you can go to Malwa.

चाचीन स्वका सप्तमी रैनि चौँचि मसियार। कच भक्त सतु भक्तरि परवत खपजय सार॥

Sāon sukla saptami, raini hoñhi masiyār, Kah Bhaddar sunu Bhaddari, parbat upjay sār.

—If on the same date the night is dark, saith Bhaddar, hear, O Bhaddari, excellent crops will grow even on a mountain.

चाचोन सुकला सप्तमी, को गरजे चाघी रात । तुम जाचो पियां मांखवा, इस जैवों गुजरात ॥

Sāon sukla saptami, joñ garje ādhī rāt, Tum jāo piya Mālwa, ham jaibon Gujrāt.

-If on the same date it thunders at midnight (there will be a drought), you must go to Mālwa and I to Gujrat.

करके भीजे कॅकरी, सिङ्गगरजे जाए। कप भड़र सुतु भड़रिकुमा भारत न खाए॥

Karke bhīnjai kankri, singh garjai jāe, Kah Bhaddar sunu Bhaddari, kutta bhāt na khāe.

-"If in Cancer (Sawan, July-August) the gravel is wet, and Leo (Bhādon, August-September) passes by with thunder," saith Bhaddar, "hear, O Bhaddari, rice will be so plentiful that even dogs will refuse it."

साचीन पचवा भारव पुरवा चासिन वचे ईसान । कातिक कना सिकिची न डोबे कतय के रखबड धान॥

- Sãon pachhwa, Bhádab purwa, Āsin bahe īsōn, Kātik, kanta, sikio na dole kutay ke rakhbah dhān?
- —If the west wind blow in Sāwan, the east in Bhādon, and the north-east in Āsin, and if there is so little wind in Kātik that even the reeds do not shake, where, my dear, will you have room to keep your rice? (i.e., you will have a bumper erop).

सास्रोन मास बड़े पुरवैधा वेंचर बरद कीनर गैया।

Sāon mās bahai purwaiya, benchah barad kīnah gaiya.

-If the east wind blow in Sawan, sell your bullocks and buy cows (it will be no use trying to plough).

षाचौनक पचवा दिन दुर चारि। चुक्हीक पांका उपने सारि॥

Sāonak pachhwa din duï chāri, Chūlhīk pāchha upje sāri.

-If the west wind blow in Sawan for only two or three days, rice will grow even behind your hearth.

साक्षीन पक्षका मिश्व भरे। भादौँ पुरवा पथल सक्षे॥

Sãon pachhea mahi bhare, Bhādon purwa pathal sare.

-If the west wind blow in Sāwan, the land will be flooded; and if the east wind blow in Bhādoñ, (it will rain so that) the very stones will melt.

के नभरे अपरेखा मग्या। फोरभरे अपरेखा मग्या॥

Je na bhare Asrekha Maggha, Pher bhare Asrekha Maggha.

- —That which is not filled up with water in Asres and Maggha has no chance of being filled up till they come again next year.
- 1088. To Bhādon (August-September) the following apply:—

South Munger-

पुरवारोपे पूर किसानः आसाम्बद्धी आस्तासामानः॥

Purwa rope pūr kesān, Ādha ghaghri ādha dhān.

—If a cultivator does not finish transplanting before Purwa (i.e. Purba Phaguni), half his crop will be paddy and half chaff.

जी पुरवा पुरवेचा पावे। सुख्वे निद्या नाची बहावे॥

Jauñ purwa purwaiya pāwe, sukhle nadiya nāo bahāwe.

—If the east wind blows in the asterism of Purwa (i.e. Purba Phaguni), there will be so much rain that ships will float in the dried-up beds of rivers.

Closely connected with this is the following :-

एरवा पर जी पक्षवा बहै। विश्वंति राँड बात करें॥ एह दोनों के रहे बिचार। क बरसे ई करें भनार॥

Purwa par jauñ pachhwa bahai, bihañsi rāñr bāt karai, Eh donoù ke ibai bichār ū barsai ī karai bhatār.

-If the west wind blows during Purwa, and if a widow chats
and smiles, from these facts you may judge that in the first
case it will rain, and in the second case she is going to
marry a second time.

With this may be compared-

तीतिर पख मेघा अड़े, भी विधवा सुसुकाण । कन्ने डाक सुज डाकिनि, अवस्मे ई जाण ॥

Tītir pakh megha ūre, o bidhwa musukāè. Kahe Dāk sunu Dākini, ū barse ī jāë.

-" When the clouds fly like the wings of the partridge, and when a widow smiles," saith Dak, "hear, O Dākini, the one is going to rain and the other to marry."

स्वक करे बदरी मनीचर रहे काछ। ऐसन बोले भड़रि बिन बरसे नहिं जाछ॥

· Sūk kare badri sanīchar rahe chhāe, Aisan bole Bhaddari bin barse nahiñ jāe.

-A cloudy sky on Friday and Saturday is a sure precursor of rain.

साचीन के पुरवा, भादोँ पिक्रमा जोर । बरधा बँचड सामी, चलत देस का चोर ॥

Sãon ke purwa, bhādoñ pachhima jor, Bardha bencha sāmi, chala des ka or.

-My husband, let us sell our bullocks and leave the country if there is east wind in Saon and a strong west one in Bhādoñ.

The following is current in Tirhut:-

कुषी चामदास चौठी चान। चन की रोपन्ड धान किसान॥

Kusi amāwas chauthi chān, Ah kī ropēa dhān kisān. —After the Kusi Amāwas (the festival of the 15th Bhādon, on which Brāhmans dig kus grass), and the Chauk Chanda (the moon of the 19th of Bhādon, O cultivator! you neede not plant out paddy.

खतरा में जिन रोपड भेया। तीन धान होए तेरह पैया॥

Utra meñ jani ropahu bhaiya, Tin dhân hoe terah paiya.

-Do not transplant in Utra Phaguni, for you will only get three grains to thirteen empty husks.

रातुक कागा दौतुक सियार ! कि भरी बादर कि उपटार ॥

Rātuk kāga dīnuk siyār, Ki jhari bādar ki uptār.

-If the crow speak by night, and the jackal by day, there will be either a rain-storm or an inundation.

श्रीचा वीशा वहे वतास। सब शोला वरला के शास॥

Ana haua buhe batās, Tab hola barkha ke ās.

-When the wind blows from all four quarters, there is hope of rain.

1089. To Asin (September-October) the following apply:—

दिश्या बरसे तीन दोत बा, सक्कर, साली, मास, । दिश्या बरसे तीन जात बा, तील, कोदी, कपास।

Hathiya barse tīn hot bā, sakkar, sāli, mās, Hathiya barse tin jāt bā, til, kodo, kapās.

-Rain in Hathiya produces three things,—sugar-cane, rice, and pulse; and destroys three things,—sesamum, kodo, and cotton.

With this may be compared-

चदरा गेल तीनि गेल, सम साठी कपास। डाथिया गेल सभ गेल, आगिल पाहिल चास॥

Adra yel tīni gel, san, sāthi, kapās ; Hathiya gel sabh gel, āgil pāchhil chās. —Want of rain in Aradra destroys three crops,—hemp, sixty-day rice, and cotton. But by want of rain in Hathiya every thing is ruined, both what has been sown and what will be sown.

ष्ठिया बरिसे, चितरा में इराय। घर बेसे धनचा रिरियाय (or चगराय)॥

Hathiya barise, chitra meñrrāy, Ghar baise dhanha ririyāy (or agrāy).

—If Hathiya rains, and (the clouds of) Chitra hover about, the paddy-cultivator sits at home and utters cries of joy.

चितरा वरसे साटी सारे। चारे भाद गेंदर के कारे॥

Chitra barse māti māre, Āge bhāi gerui ke kāre.

-Rain in Chitra destroys the power of the soil and is likely to produce blight.

खाधा चित्रा राद्र मुराद। खाधा चित्रा को केराद्र॥

Adha Chitra rāi murāi. Ādha Chitra jau kerāi.

-In one-half of Chitra sow mustard and radishes, and in the other half barley and pease.

1090. To Katik (October-November), the following apply:-

प्रको पानि को बर्से साती। कुरमिन पश्चिरे सोना पानी॥

Eko pāni jon barse Swāti, Kurmin pahire sona pāti.

-If a single shower come in Swāti it enriches people so much, that even Kurmi women get golden earrings to wear.

नैद विदित ना शोखे श्वान । विना तुला निर्धं फूटै धान । सुल सुलराती देव लटान । तकरें बरहें कर बनेगान ॥ तकरें बरहें केत खरिशान । तकरें बरहें कोटिए धान ॥

Bed bidit na hokhe ān, bina Tulu nahiñ phūtai dhān, Sukh sukhrāti deb uthān, takrai barhai karah nemān, Tukrai barhai khet kharihān, takrai barhai kothie dhān.

- -What has been written in the Vedas cannot happen otherwise, and paddy cannot ripen before the balance (i.e. Libra = Kātik = October-November). From the festival of the Sukhrāti (i.e. the Divāli) to the Deb Uthān (11th of the light half of Kātik) there will be happiness. On the twelfth day after that, hold the festival of eating the new grain; on the twelfth after that, heap up the corn on field and threshing-floor; and on the twelfth after that, put the grain in the store-house.
- 1091. The following are the signs of the stoppage of the rains:—

हप के जा को का भये, निरमल रैनि करना। कौये जल देखिक सगरा, कामिनि कूप भरना॥

Chhap ke ugai to kya bhaye, nirmal raini karant, Kiyo jal dekhiha sagra, kāmini kūp bhayant.

—It matters little if the sun rises obscured by clouds, because when the nights are clear (the rains will stop). You will only find water in the sea, and women will have to go to the wells for water.

रात निवद्र, (or रातुक चक्रमक) दिन के क्या। कचे घाष जी वरला गया॥

Rāt nibaddar (ox rātak chakmak), din keñ chhaya, Kaheñ Ghágh je barkha gaya.

—If you see a cloudless night and a cloudy day, be sure, says Ghagh, that the rains are at an end.

बोस्ती लुखरी, फूखे कास। अब नाफी बरखा के आस॥

Boli lukhri, phūle kās, Ab nāhīū barkha ke ās.

-The barking of the fox and the flowering of kās grass are signs of the end of the rains.

कार्गे खामस बन फूले कार्सः। खब नादीं बरखा के खासः॥

Uge agast ban phūle kās, Ab nāhīñ barkha ke ās.

-The appearance of the star Canopus and the flowering of the kās grass in the forest are signs of the end of the rains.

काँसी कूसी चीठ के चान। चन का रोपनठ धान किसान॥

Kānsi kūsi chauth ke chān, Ab ka ropba dhān kisān.

- If the kās grass and the kūs grass flower on the fourth of the light half of Bhādon, why do you plant out, O cultivator (for the rains are stopped)?

1092. The following refer to the dry season:

श्वगण्डन दोवर, पूच फीड़ा। साथ सवाइ, फागुन वरसे घर हू के जाई,

Aghan dobar, Pūs dyaurha, Māgh sawāi, Phāgun barse gharhu ke jāi.

-If it rains in Aghan, you will get double an average crop; if ir Pūs, one and a half; if in Māgh, one and a quarter: but it in Phāgun, then even (the seedlings which you brought from) your house will be lost.

चगचन जी वरसे मेघ, धन चो राजा धन चो टेस ॥

Aghan je barse megh, Dhan o rāja dhan o des.

-Happy are the king and people when it rains in Aghan.

पानी बरसे चाधा पूस । चाधा गेर्इ चाधा भूस ॥

Pāni barse adha Pūs, Adha gehūñ adha bhūs.

-Rain in the middle of the month of Pūs (i.e. early in January) will give you half wheat, half chaff.

माघ के गरमी, जैठ के जाड़,।
पिना पानी भर गैल ताड़।
धाघ कचें चम चोवीं जोगी।
कुचीं कां पानी धोर्डे धोनी॥

Māgh ke garmi, Jeth ke jār, Pahila pāni bhar gail tār, Ghāgh kahen ham hobauñ jogi, Kūān kā pāni dhoihen dhobi. —Heat in Magh (January-February), cold in Jeth (May-June), and the tanks filled with the first fall of rain (are signs of a drought). I'll become a beggar, says Ghagh, and the washermen will wash with well-water.

चैत के परूचा भादों के जन्ना। भादों के परूचा मात्र के पन्ना॥

Chait ke pachhea, Bhādoñ ke jalla, Bhudoñ ke pachhea, Māgh ke palla.

- —The west wind in Chait (March-April) means rain in Bhādon (August-September), and the west wind in Bhædon means frost in Māgh (January-February).
- 1093. It will now be of advantage to compare the above with a native account of the behaviour of the asterisms preceding the famine of 1873-74. The poet Phatūri Lal, in his tale of the famine, says as follows:—

June 1873.—ROHNI is the first asterism of the rainy season; but,
Rainfall in Tirhut about as it came, it departed without rain.

MIRGSIRA fulfilled our hopes, for it gave a

few drops of rain and departed.

July.—Aradra passed by with great majesty, thundering on every side.

Rainfall about 61 inches, of which 4 inches were in the second week and 13 inches in the last week.

PUNARBAS is a very holy asterism, but it was also a miser.

PUKH saved the face of the earth, but it became

the end of the rains.

about

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August.—Askes rained upon such of the seedlings as did rise.

Magha was as poor as a beggar.

Rainfall about 4 inches. September.—PURBA PHAGUNI gave no proof of his existence by rain.

UTRA PHAGUNI did not give even a drop to swear by.

October. - HATHIVA was like an elephant (hāthi) who put his trunk in his mouth.

Rainfall nil.

Rainfall nil.

Rainfall

inches.

CHITRA was only a robber and a murderer.

November .-- Swati was put to public disgrace.

DIVISION VII.

CATTLE AND OTHER DOMESTIC ANIMALS.

CHAPTER L-CATTLE GENERALLY.

1094. Cattle generally are known as मनेशी maweshi, मान māl, or मान जान māl jāl. Other names are चीचा chana north of the Ganges, चूर dhūr in Patna and Gaya, and बर्जा bardha in South-West Shahabad. A head of cattle is राम rās, and in Patna and Gaya also चूर dhūr. Horned cattle, exclusive of buffaloes, are गोन्स yoru or नाय गोन्स gāy yoru; also चूर डॉमर dhūr dāngar in Patna and Gaya. In Sāran डॉमर dāngar means cattle worn out from old age. In North-East Tirhut they are called चटन latal. A worn-out, useless cow or buffalo is said to be चटाच tutāh or चूट गेन tūt gail north of the Ganges, or in North-West Tirhut विश्वान behwāl. In Patna the term is थींना thaunsa, in Shahabad थड़मन thahusal or घोमन thausal, in Gaya नकाट्र nakādar, and in South Bhagalpur चटाने uthāmo. Dead cattle are डॉमर dāngar in Shahabad and मरी mari in East Bihār.

CHAPTER II.—BULLS.

1095. A bull is चाँइ sānrh when branded with sacrificial marks and let go, and घाकर dhākar when not so branded. चौभर chaubhar (Patna and Gaya) or घकर कोड dhakarchhoh is an imperfectly castrated bull, and विनन्दामो binhāmo is a bull to the south-east.

CHAPTER III.—BULLOCKS.

1096. A bullock is बर्घ baradh, also in Patna, North-West Tirhut, and in Shahabad optionally बरद or बड़द barad. To the west it is also called बेस bail, and in Gaya धूर dhūr or पैरा patra. Plough-bullocks are called घरायो harāthi to the east. The pair are called कोइर jora. In a team of three bullocks the wheelers are called धूरी dhūri

or धुरिया dhuriya to the west, and जोड़ी jori to the east. The leader is बाँड binr or विद्या binriya to the west, and जिड़ी jhitti or नाटा nāta to the east.

1097. A yoke of well-bullocks is called मोराइन करण motha baradh. The bullock which works blindfolded in an oil or sugar-cane press is called मारा nāta or कोल्ड्रा के kolhua bail. When there is ploughing going on, or a cart being pulled by the aid of three bullocks, of whom only two are yoked at a time while the third one rests, the three are called नेपूरा tedhura or (in East Tirhut) नेपूर्य tedhuri, or in Patna देपन्य tepta. Similarly when there are four bullocks, of whom two rest while two work, the team is called चौचर chaukhar or चौचरिया chaukhariya or चौचरिया chau

1098. Bullocks are distinguished by various peculiarities, sucl as the following:—

A bullock unbroken to work is wert adari, also were adar in Tirhut, in Shahabad, and in South Bhagalpur. In Patna and Gaya he is state audar, in South Munger sal abon. One that sit down at work is unu parua to the west, and north of the Gange: कोड़ि korhi.* In South-West Shahabad he is गरिकर gariar, in Shahabad and Gaya गर gar, and in Patna मनन्तीही mankorhi. A viciou: bullock is सर्व्याप markhah, also सर्व्याप markhanda in Patna, सर्व्या markhanno in East Bhagalpur, and मरन्यन markhan in Gaya. In South West Shahabad the words मरक्का markaha and जनका latha are used A shying bullock is फॅफरियाद phephriyāh to the north and west and fusant chihukār or straits harkāh north of the Ganges generally In South-West Shahabad he is stray bandiya, in the rest of the distric सकार manjhar, in Patna and Gaya भरन्काइर bharkāha, and to the south east इरन्याचा harkāha. To butt is कर पेटल hur petal in the west and मार mārab in Tirhut. In Patna and the east it is इंच मार्च dhūns mārab and to the south-east दूस मार्च dhūs mārab or दूसा मार्च dhūsa mārab. In Gaya it is दुवियापन dhusiyāëb, and such a bullock is दुवन्मार dhusmār o द्वियाचा dhusiyāha. To break in cattle is तेवारे जीतन teware jotal to the west. In Tirhut it is पाठ खनाएव or जोतव pat lagaëb or jotab In East Tirhut it is पाण्ड युपाण्य pāët ghumāëb, and in Gaya पीरी है जीतन piri men jotab. In Shahabad निकास wikāsal, in Patna जननापः

^{*} Compare the proverb को दिवाद ने फेफिडिवाइत korhi barud ken phephar bahut,— it is the lazy bullock that snorts and shies.

- daghrāëb, in Gaya इपन्राप्त dahrāëb, in South Munger गोहन्राप्त gohrāëb, and in South Bhagalpur इटियाप्त chhatiyāëb, mean to cause an animal to get up and to drive it along a village-road.
- 1099. A stunted bullock is ननः किरन्या nankirwa, नाटा nata, or नटन्या natwa. A dwarf bullock is गैना yaina.
- 1100. A bullock whose horns project in front is घोँचा ghoncha north of the Ganges and in Patna and South Bhagalpur, also घोँचा ghompa in East Tirhut. In Shahabad it is घोँचाचा ghonchwa, in Gaya घाँचर ghonghar, in Patna also घोँगारा ghongra, and in South Munger घाँचरा ghonghra.
- 1101. A bullock one of whose horns is erect while the other hangs down is चरमन्पनाची suragpatāli (literally pointing to heaven and hell) or चरङ्गन्पनाची sarangpatāli. He is also called देव deb in Champāran and West Tirhut, कंपास्री kansāsuri in South-West Shahabad, पनाच चिट्टी patāl singhi to the south-east.
- 1102. A bullock whose horns join in the centre is নীৰিত্বী gausinghi in South-West Tirhut, and ভিঁম-নুহা singjutta or ভিঁম-নুহল singjutal generally.
- 1103. A bullock whose horns are loose and are turned down is called मैन maina, or in Patna and the south-east मैन main.
- 1104. A bullock whose horns are curled like a ram's is भँड्रवा bheñrwa, भँड् bheñr, or भँडरवा mendhwa
- 1105. A bullock one of whose horns turns to the right and the other to the left is चानर chātar, or चनन्दा chātra when they are small and flat. When they are large, he is called फडाइ phathāh or फटाइ। phathāh. In North-East Tirhut he is फरक-भाइ। pharakjhāra.
- 1106. A bullock with stunted horns is सुटन्दा muthiva or सुटिया muthiya generally, but in Shahabad it is सुटास muthāt or सुटस muthail, and in Gaya सुटिया muthariya.
- 1107. A bullock with no horns is मुँड्डा munrera in Saran, सुद्धा bhunda in Champaran, भूडा bhūnra or भुँड्डा bhunrua in Shahabad, भूड़ा mūnra in North-East Tirhut, and मुखा munda in Gaya and the rest of Tirhut, मुङ्खा murla in South-East Tirhut, Patna, and South Munger, and मुद्धा mūra in South Bhagalpur. Other names are दुड़िया dunriya in South-West Shahabad and उटा thūtha in South-East Bihār.

- 1108. A bullock with only one horn is চ্ৰান্থিয় eksingha or ভিঁমভৱেয় singhtutta.
- 1109. When a bullock has a broken tail he is called बाँझ bānr or बाँझा bānra north of the Ganges and to the south-west, also बाहा nārha in East Tirhut and the south-east. In Gaya and Champāran he is बाँडा banda, and in Patna खाडा landha or बाहा bandha. In South Munger he is खाँडा lānrha. The opposite to this is पाँखा all ponchhwāla.
- 1110. A bullock with its ears covered with long hair is आवर hābar to the east and भवन्दा jhabhra to the west. One with crooked eye-brows is भी खाँ डेर bhauñāñ ter or भी खाँ डेर bhauñāñ der, also in South Munger भाँवाँ डेरा bhāñwāñ dera.
- 1111. A bullock not used for agriculture because it has excrescences (representing Shiva) on its body, but purchased by religious mendicants, is known as set jataha or set basaha. Other local names are settlet jathawa in Shahabad and set jato in South Bhagalpur. It is the bullock ridden by Shiva.
- 1112. A ইত্যা chherua or ৰভিয় badhiya is a castrated animal, as distinguished from the ঘাঁৱ sānrh or entire bull devoted and let go. The sacred marks placed on this last are the বিৰুদ্ধেৰ tirsūl or trident and the ব্যাহ chakkar or discus.
- 1113. The following rules for selecting cattle are current throughout Bihār:—

बैल बेसाई चललाइ कना। बैल बेसिइइ दूद्रमा।
काइ करीटी साँचोर बान। देशादि कि निइ मित चान॥
जब देखिइ क्पधीर। टाका चारि दीइ उपरोदः॥
जब देखिइ मैना। तब प्राइ पार संकरिइ बैना॥
जब देखिइ बैरिया गोल। एड बैट के करिइ मोल॥
जब देखिइ करियवा कन। कीला गोला देखइ जतुदना॥

Bail besāhai chalalah kant, bail besahiha dū dū dant, Kāchh kasauti sāñor bān, ī chhāri kiniha mati ān. Jab dekhiha rūpadhaur, tāka chāri diha uparaur, Jab dekhiha maina, tab chi pār san kariha baina. Jab dekhiha bairiya gol, uth baith kai kariha mol, Jab dekhiha kariyawa kant, kaila gola dekhah janu dant.

-My dear, you have started to buy a bullock, be sure and buy one with only two teeth. Do not buy any which is not some shade of grey; but if you see a pure white one, you may

advance your price four rupees. If you see one with loose horns, give handsel without crossing the road (to look at it more carefully, i.e., it is sure to be a good one). If you see one with a rod head and a light red body, don't buy till you have had a good look at it. But, my dear, if you see a black, or a yellow-grey, or a red one, don't take the trouble to look at its teeth.

The following is a warning against two kinds of bullocks:-

सरग पताली भी आँ टेर। स्थमन खाय, परोसिया हेर॥

Sarag patāli bhauñāñ ter, Appan khāy parosiya her.

—A bullock with horns pointing up and down, or one with crooked eye-brows, injures its master and the neighbours as well.

CHAPTER IV.—COWS AND BREEDING.

- 1114. A cow is जो gan or जाय gāy. One that has had one calf is known as a परिजोड or परिजोड नाय pahiloth or pahilaunth yāy. Sometimes these words are spelt with z t instead of with z th. A cow or buffalo within six months after calving is भेन dhen generally. In North-East Tirhut it is चेजन dhen or भेत dhen, in Patna and the south-east भेन dhen, and it is also देन dhen in Patna. After this she is बक्रेन baken, or (in Shahabad and the south-east) बक्रेन bakena. A cow that calves yearly, or that never stops milking, is प्रविधा purahiya north of the Ganges. A cow that breeds when five years old is प्याद् pachār. In Shahabad and Patna she is धन-पुरही dhanpurahi, in Patna (also), Gaya, and South Munger बर-धाइन barsāin, and in South Bhagalpur परिचा poraiya. A barren cow is बिह्हा bahila generally, also उद्दर्श thahra in South-West Shahabad.
- 1115. To be covered by a bull is बर-धियाण्य bardhiyāëb or परियाण्य pariyāëb, and also south of the Ganges बर-इर्ण्य bardāëb. Another general term is पास साण्य pāl khāèb. To copulate (of animals) is बाइब bāhab, also in North-East Tirhut चौदाण्य ohāëb. In regard to buffaloes, भैंसाण्य bhainsāëb may also be used, and of a goat क्यार्राण्य chhagrāëb to the west.

- 1116. A cow in ealf is बरन्दाप्रक bardāël or गाभिन gābhin. In South Bhagalpur she is फरन्जी pharli. The act of calving is विद्यान biyān or विद्यान biyāna. South of the Ganges भोज देव jhol deb is to give birth to a number of young, e.g. in South-West Shahabad a man was heard saying समार केरी दू भोज बचा दिस्न्ज ए हैं hamār chheri du jhol bachcha dihlus ha,—my goat has dropped kids on two occasions.
- r 1117. A cow that is a good milker is दुधार dudhār or दुधारि dudhāri.* One which gives milk for one and a half years is डेवड़ dewarh, or in North-East Tirhut बरगद्ध harkhu. A cow or buffalo that has gone five months in calf, or that has given milk for five months, is सदःरोस sahros north of the Ganges, and also प्रदिया purāhiya in North-East Tirhut. One that gives little milk is चौंडो chonrhi or चौंड chonrh, also चोरनी chorni, and in Tirhut धौंक dhonchh. In Shahabad it is नडसर nathāhar, and in South Bhagalpur चौंड़ chaunr. A cow that kicks at the time of milking is रजकड karkat, or in Tirhut ख्याराष्ट्र lathrāh.

CHAPTER V.—CALVES.

1118. A calf as long as it is unweaned is बेह leru. A male calf is बाहा bāchha, बहरवा bāchhua, or बहरह bāchhuu, and a female calf बाही bāchhi or बहिया bāchhiya when they are from 1½ to 3 years old. When a calf has two teeth, it is दोदान dohān north of the Ganges and in Shahabad. In the rest of Shahabad it is दुदन dudant, and elsewhere दोदन dodant or दोदना dodanta. In West Tirhut it is दोख बेख dokh bail. When it has not yet got its true teeth it is called घटना udant, or to the east घटना adant. चोचर osar, or to the west कलोर kalor, is a heifer ready for the bull. In North-East Tirhut she is और gaur, in Patna फेटाइन phetāin, and in South Bhagalpur चॅकरिया ankariya. In South-East Tirhut चेर thair is a two-year old heifer. Full-grown cattle are तैयार taiyār. In calculating roughly the age of packbullocks, the word नोस taul, or in Gaya पूर pūr, is used. Thus एक नोस ek taul or एक सास के नोस ek sāl ke taul, one year full-grown; द् नोस du taul, two years full-grown; and so on, the counting commencing from

^{*} Cf. the proverb जाहो ते किछ पाउरे सहरे कड़ बेन; जात खात सुस्तार ते सहस ह्यारि धेन jāhi teñ kichhu pāïai, sahiai karui bain; lāt khāt chuchukār teñ sahat dudhāri dhen,—from whomsoever you expect to receive benefits, you must bear abusive words; even while being kicked by a milch-cow, a man will endure its actions and pat it.

the time when the bullock has eight teeth, viz. when he is four years or more old. A calf with six teeth is called कर्नेत chhadānt. It is also called कर्नेत chhakkar, कर्ने chhakka (male), or क्यन्त chhakki (female). Such calves are not appreciated, as in the proverb सुद्ध वरन्दा क्यन्त muil barda chhakri,—as soon as a bullock is dead (it is abused and called) a chhakri. A calf with seven teeth is स्तान्द satdar or स्थास satdhar to the west, and समाद sattar elsewhere south of the Ganges, except South Bhagalpur, where it is सताद satattar. In West Tirliut it is सतादका satdanta. A calf with eight teeth is पूरा pūra, i.e. full-grown, or स्थास adhail.

1119. Coaxing a cow that has lost its calf to eat gram is called तोरिया toriya, or in South-East Tirhut घसन्त्रिया ghasturiya. In South Bhagalpur it is called afficura toriyan. The same words are used for reconciling a cow or a buffalo to its newly-born calf by smearing the latter with sugar. A kind of hair string used for tickling a cow with a similar object is सेल्ड selh or सेल्डी selhi; and to do this is दाँवल danwal in the north-west and चेल्ड ज selhal in South-West Tirhut. Sometimes the skin of the calf stuffed with hay is put before a cow which has lost its calf, especially at milking time. Salt is sprinkled on it and the cow licks it and lets her milk flow. The stuffed calf is called सगावन lagawan north of the Ganges. In South-West Shahabad it is called खिलाड़ी khalitari, in the rest of the district मौर maur. in Patna करन्वी karchi, and in Gaya करनी मूरी karti muri. The kind of food given to cows when they calve is पखेन pakheo to the west and in Patna : also पखेवा pakhewa in South Munger. In North-West Tirhut it is चौचाट chohāt or चचाड chuhār, and in North-East Tirhut चाडिर chohair. In South-East Tirhut it is महेचा mahela, and generally मचाचा masāla. In Gaya it is प्राची pustai.

CHAPTER VI.-BUFFALOES.

1120. A male buffalo is भैंचा bhainsa, also महिचा mahisa in East Tirhut. A female buffalo is भैंच bhains or भैंची bhainsi; also भई bhaiñ north of the Ganges, and महिचा mahis or महिची mahisi in East Tirhut. A buffalo calf is पड़क parru or कड़क karru. A male buffalo calf is पाड़ा pāra or काड़ा kāra, and a female one पाड़ी pāri or काड़ी kāri. A well-known proverb is चेन महिची चर, पड़क्विं मार khet mahisi char, parruhiñ mār,—buffaloes are grazing in the fields, beat the calves, i.e., in a fight the smaller men get eaught, and the richer and more powerful real

culprits get off. In Patna and the south-west with lochar is a two-year old buffalo. In Gaya it is state tehan. A buffalo with two teeth, i.e. three years old, is us pas.

CHAPTER VII.-GOATS.

- · 1121. A goat is कर chher or बकर bakkar. A he-goat kept for breeding is generally बोका boka. General names for all male goats are बकरा bakra, खस्री khassi, or खस्री khañssi. Other terms are बागर chhāgar or बोक इंग्र bokra (North-East Tirhut), बोन् botu (Patna) or बोनो boto (South-East Bihār), बोयइ bīyar (South-West Shahabad), and विश्वच biahan (rest of that district). A she-goat is बकरी bakri or करी chheri, also बगरी chhagri to the east. A castrated goat is specially खस्मी khassi or खस्मी khañssi in Tirhut and south of the Ganges. North of the Ganges the general name is क्या chherua.
- 1122. A kid is पढन्क pathru. A male kid is पाटा pātha or सेमन्ता memna, and a female पाटी pāthi, पिटिया pathiya, or सेमन्ती memni. In South Munger it is sometimes called पकन्क bakru. A goat kept for sacrifice is called south of the Ganges पढन्क pathru, but when kept for other sacrifices it is called खस्ती khassi.

CHAPTER VIII.-SHEEP.

- 1123. A sheep is भेंड्र bheñr. A ram is भेंड्रा bheñra or (in South Bhagalpur) भेंड्रो bheñro, and a ewe भेंड्रो bheñri. A lamb is भेंड्रिक बचा bheñrik bachcha, also पटन्क pathru and बक्क bakru in Tirhut. मेमन्ना memna is also used in South-East Tirhut.
- 1124. A flock of sheep or goats is आएड jhund or आई jhunr; also जेड़ jer in East Tirhut, हेड़ her in West Tirhut, and जेड jel in South Tirhut. A flock of about twenty is चेंडड़ lenhar, and of about one hundred बाम bāg. गेंडड़ gahenr is a still larger flock of four or five बाम bāg. In South Bhagalpur खरहो kharuho, and in South Munger सहेर saher, mean a flock of sheep.

CHAPTER IX.-PIGS.

1125. The general term is নুন্ধ sūgar or নুম্ব sūar, also তীকা dhoka in North-East Tirhut. Musalmān villagers call them euphemistically

'low caste'). Other similar names are दराम harām in Gaya, and बद्धाम bad khom (i.e., 'low caste'). Other similar names are दराम harām in Gaya, and बद्धाम bad mohri. A young pig is पाइर pāhur to the east, also (male) हरूरा dahra north of the Ganges and in Gaya, रहूरा tahra in Shahabad, होना chhauna in Patna and the west, and हावा chhāua in Gaya. Fomale names are हरूरी dahri (also in Gaya) or हाई chhāi north of the Ganges, and इसी kumbhi in Gaya. A full-grown boar is पद्म patha or पटर्र pathra in North-East Tirhut, and a full-grown sow is सोमन्नी somni in the same place. A pigsty is होभार khobhār, or to the west होमारि khobhāri. In South-West Shahabad it is also होनार khobār in South-East Bihār it is हमार khabhār, and in Patna and Gaya it is क्योर bakhor.

CHAPTER X.-HORSES, MULES, AND ASSES.

- 1126. A horse is घोड़ा or घोरा ghora, and a mare घोड़ी or घोरी ghori. A common term for both is घोड़ or घोर ghor. South of the Ganges and in Sāran another word for a horse or mare is चर्चा charwa. A pony is टड्रू tattu, and a pony mare टड्ड्यानी tatuāni, and also in Patna and Gaya मिट्यान madıyān. A foal is बहेड्डा bachhera, and a filly बहेड्डी bachheri.
- 1127. To own a horse is a great piece of display according to Bihār ideas, as in the proverb डेड गोट घोड़ो, भी गोट फींडा derh yot yhori, nau got phanj (spoken of one who makes display when he cannot afford it),—the owner of one and a half (i.e. two wretched) mares goes about (like a lord) with nine servants.
- 1128. An ass is गर्न्स gadha, a she-ass is गर्न्स gadhi, and an ass's foal गर्न्स के बच्चा gadha ke bachcha, or (in East Bihar and Shahabad) कौनी chhauni. An ass-driver is गर्न्स्ड़ी gadheñri. A mule is खन्न khachchar.

CHAPTER XI.-ELEPHANTS.

1129. An elephant is चाथी hāthi, a male elephant is चला hattha, and a she-elephant चिश्वनी hathini, चथानी hathini, or (in East Tirhut) मेंद्रनी medni, and in South-West Tirhut जोड़ी jorhi. A male elephant with small tusks is महाना makuna. One with large tusks is पहा pattha.

1130. Elephants are tied up with a front foot-chain, which is করী beri or ऐकर paikar, and also in South-East Tirhut ভরুষা chhanua. Its hind legs are chained with chains called ভ্ৰমী daggi or লঙ্কুৰ nangar, and also with a wooden hobble, called ক্তৰ্থন kathbandhan.

CHAPTER XII.—CAMELS.

1131. A camel is ऊँट unt, also among Musalmans ग्रानुर shutur. Its young is called बोता bota in North-East Tirhut. Its nose-ring is बनेस nakel. कटना kathra or काटी kāthi is its wooden saddle, also called पद्यान palān in North-East Tirhut; and ग्रेस gadela or ग्री yaddi is the pad.

CHAPTER XIII.-STRAYING OF CATTLE.

1132. To stray is generally हरा जाएन hera jāëb; also in Sāran मूखा जाइन bhūla jāïl. Other terms are चनेर aner (or चनेरना anerwa) जाएन jāëb in North-East Tirhut, नरनक bahkal or भौरियाएन bhonriyāël in Shahabad, and नरूट जाएन bahat jāëb in Patna and Gaya. नयान bathān, and also in North-East Tirhut गोचाच goās, is a cattle enclosure. Other words are चेरा ghera, टाउ dhāth, and टाउा dhātha. जमन lambhab, लॉभन lāmbhab, or जाम्बन lāmhab, is to drive cattle into another's field to graze on the crops.

CHAPTER XIV.-COLOURS OF CATTLE.

1133. These are—

White.—This is चरक charak or चरन्का charka, with a variant चरन्को charko in South Bhagalpur. In Gaya it is दपाधी rupādhau, and elsewhere also इपन्धर rūpdhar or इपन्धीर rūpdhaur. Another word is चैंबन्स chamicra in North-West Tirhut.

1134. Grey of various shades.— घवर dhawar, भीर dhaur, or in Shahabad धावर dhāwar, is a light grey. धोकन sokan is a dark grey, के स्वारं or के सा kaila is a yellowish grey or cream-colour, and धिवेदा silebu or धिवेदे silebe, reddish grey. धाँवर sāmwar or धौरा saunra is a black grey. कसीटी kasauti and का क kāchh are shades of grey.

- 1135. Red.—A reddish cow is गोस gol, गोसा gola, or गोसन्य golwa. A dark red one is सास lāl. A cow with a red head and the rest of the body of a lighter colour is बेरिया गोस bairiya gol. भुरगोसो dhurgolo is another shade of red in South Bhagalpur. मझगेस mahugol means red like the mahua flower (bassia latifolia). In Shahabad this is सम्भर mahuar, and in South Munger महस्सा mahulakha.
- 1136. Yellow.—This is पीखर piar or पिखरा piara. गडमन gahuman or गोडमन gohuman is wheat-coloured.
- 1137. Black.—This is कारी kāri, करिया kariya, करिया kariyawa, or (South Bhagalpur) करचा karua.
- 1138. A spotted cow is काँच kāns, a brindle one बगन्सका baychhalla (tiger-skinned), लाल बगन्सका lāl baychhalla being a red brindle and सुफेंद बगन्सका suphed baychhalla a white brindle. करन्कमा karkandha is one black on the shoulders. In Shahabad this is called करिकमा karikandha. गुलन्दार guldār is a spotted cow, and पाँच कलियान pānch kaliyān a piebald one, or more properly one with white stockings and a white blaze on the forehead.

CHAPTER XV.-HIDES.

1139. These are चमन्डा chamra, बाज khāl, or घरना charsa. गोंबा gaukha is raw cow's leather. It is also called गोरंडा yoita north of the Ganges. भेंगीडा bhainsauta or (in South Bhagalpur) भेंगीडा bhainsautha is that of buffaloes. चाम chām is tanned cow hide. Sheep skins are बज्रन्दी khalri. A bullock's hide cut in two halves is चामा फारी ādha phāri or (North-East Tirhut) फाँकी phānki. The hides of cattle which have died a natural death are मुरन्दारी murdāri or मुरन्दार murdār, and those of killed cattle इज्ञाजी halāli. चामर sābar is tanned deer skin. A depôt for hides is चरना के गोदाम charsa ke godām. In South Munger चरना charsa is a cess paid by tanners to the landlord.

CHAPTER XVI.—CATTLE SLAUGHTER.

1140. A slaughter-house is चोकाना lokāna in Champāran, मनन्दर nanhar in South-East Tirhut and Shahabad, and कि इन्खाना kilkhāna in South-West Tirhut.

- 1141. Another name in Shahabad is सुरन्द्यान gurdawān, and in Patna खूँड khūnt. Flaying and cleaning is कमीना kamīna or कमाना kamāna. A butcher is कसार kasāi, but a goat-butcher is कसरन्कसाय bakar kasāb, and a चिक chik* or चीक chīk kills both goats and sheep. The large knife used by them is बोगन्दा bogda, and also north of the Ganges द्विया dabiya. The block is देश theha, कुन्दा kunda, or कुन्दी kundi. In South-West Shahabad it is खोड़ khor, and in South Bhagalpur it is परकारो parkattho. The string used for hanging up the animal to be flayed is खोकाना lokāna.
- 1142. A cultivator has many terms of abuse for his cattle. A favourite one is जार करेंग खँटा jāh kasaiya khūnta,—may you go to the butcher, or to the sacrificial stake.

CHAPTER XVII.-FEEDING CATTLE.

- 1143. To chew the cud is पगुरी (or पागुर) करव paguri (or pāgur) karab north of the Ganges and in Shahabad. South of the Ganges generally it is पगुराण्य paghurāëb or पगुरी करव paghuri karab. Local names are पाज करव pāj karab in Tirhut, कोरी करव karab or कोरी करव kauri karab in Patna and Gaya, and गन्ने करव galthai karab in South Bhagalpur.
- 1144. Cattle fodder, consisting of the stems of the जनेरा janera (Holcus sorghum) and similar green stuff, is cut with a chopper (see §§ 86 and ff.), and is known as कुद्दी kutti or कुटिया kutiya. In South Bhagalpur it is कुटन्री kutri, and in Patna कहा katta. The fodder for stall-fed cattle is गवन gawat north of the Ganges. Other names are क्राना lehna—current in Shahabad, गीन gaut in Gaya, and गीन हा gautha in Patna. A general word for fodder is चारा chāra, or in North East Tirhut चरी chari. गकारीटी gajrauti or (in Gaya) गकारीटा
- *It is unlucky to touch money received from these men on an inauspicious day. Hence the proverb:—

बिप्र टह्न था, चोर्क धन, भी बेटिन के बाद। प्रहु से धन न घटे, तो कारी बड़न मे राड़। Bipra tahalua, chik dhan, o betin ke bārh. Ehu se dhan na gate, to kari baran se rār.

—If you cannot get rid of your wealth by having a Brāhman servant, keeping possession of money received from a butcher, or from excess of daughters, you will do it by fighting with bigger men.

gajrauta are stalks and leaves of the carrot (गाजर gājar) given to cattle. The chopped up sugar-cane tops (गॅंड genr) given to cattle as fodder are called जाँड ageñr, &c., as described in § 1012. चाँडो chānchhi in North-East Tirhut is a cattle-food made of spring-crops cut before they are ripe and then dried. जानी sāni is the chaff and water on which bullocks are fed.

- 1145. To feed cattle is सानी पानी करव (or देव) sāni pāni karab (or deb). Another phrase current in Patna and Gaya is जीत देव gaut deb. A load of fodder is बोमा bojha, and also मोट mot in Patna, Gaya, and Shahabad. Chaff is असा bhūsa, with variants मँगा bhūnsa (in Patna and Gaya) and सस्मा bhūssa. The net full of chaff is जमा jalla or जाना jāla generally. In Shahabad and South Munger it is जमा jalla or जाना jāla generally. In Shahabad जोरा jora, and in Patna कपाद kapāï. The refuse grass, &c., which cattle leave behind is जमर lather to the west, निमाम nighās to the north-east, and गोमार in Patna, Gaya, and the south-east. Local names are समस khadhel in Shahabad and गोरामारो gorthāro in South Bhagalpur.
- 1146. A beast that eats little is निर्खाराड nikhorāh or निर्खुराड nikhurāh, also चिकनिया chikaniya or चल्पिजया alpajiya in South-East Tirhut and गवनन्चीर gawatchor in South-West Tirhut. In Patna and Gaya it is optionally नक्सींच naksondh, in South Munger चिकनन्कीर chikankaur, and in South Bhagalpur चिकन-जिस्नो chikanjibbho.

CHAPTER XVIII.-PASTURAGE.

1147. Lands set apart for pasture are generally simply परनी parti. Special names are, however, रखान rakhāt north of the Ganges and रखाँन rakhānt (South Munger). Other names are निरागार chirāgāh in Sāran, Patna, and South Munger, चराँट charānt or बाध bādh in Gaya, and अद्वार arār Shahabad. A cattle-yard is बधान bathān or बधानी bathāni. The field in which cows are fed is in South-West Shahabad चराइ charāï, in the rest of that district चनेर uber, and in South Munger चनेरा ubera. In Gaya it is बाध bādh, in Patna बचानी baharsi, and in South Bhagalpur बचियार bahiyār or बार बेंग. Cattle left to graze without watch are अनेरिया ancriya to the west, बनेरा anera in West Tirhut, बुडाना chhutha in Gaya, अद्वार udangar in Patna, अव्या ujiha in South Munger, and उक्का ujra in South Bhagalpur.

CHAPTER XIX.-FENCES.

1148. A fence to keep cattle out of fields is घरान gherān or घरानी gherāni to the north-west. In Tirhut it is बारी bāri or बेड़ berh. South of the Ganges it is घोरान ghorān. Local names are घरा ghera in Tirhut and बापा chhāpu in South Munger. In Champāran चिराँत hirānt is a hedge of brambles not fixed in the ground.

CHAPTER XX.-GRAZING-FEES.

- 1149. These are of two kinds:—
 - (1) Those paid to the owner of the land.
 - (2) Those paid to the herdsman.
- 1150. A cowherd is called द्वार gwār, गोचार goār, चर्डीर ahīr, चरन्वाच charwāh or चरन्वाचा charwāha, and गोरन्ख्या gorkhiya A tender of cows is in North-East Tirhut गैवाच gaiwāh. A shepherd is गड़ेरी gareñri or भेड़िचर bheñrihar. South of the Ganges the latter also takes the form भेड़िचार bheñrihār or भेड़िचारा bheñrihāra. A local name is भेड़न्चर bheñrdhurai in South Bhagalpur.
- 1151. (1) The fees paid to the owner of the land are known as खराचरी kharchari or खराचरार kharcharāi north of the Ganges and in Gaya. The latter also is used in Gaya. In Shahabad the term is बरादिश bardiya. In Tinhut, Patna, and the east are noted काम चरार kās charāi, हेना dena, भैंसीभा bhainsondha, and बरादाना bardāna. In the south-east the word is देना daina. In many places these fees are only paid for buffaloes, and not for other cattle.
- 1152. (2) Those paid to the herdsman are ব্ৰেয়া charicāhi or ব্যায়ে charāi. See also § 1205.

CHAPTER XXI.—COWHOUSES AND ENCLOSURES FOR CATTLE, CATTLE-OWNERS, &c.

1153. A cowhouse is गौसार gausār or गौसाला gausāla. To the east it is गोसाल gohāl. Local names are गैसरा gaighara in North-East Tirhut, द्राणील darkhol in South-West Shahabad, and दोगार dogāh in Patna and Gaya. सार sār is also used to the west. बर्ज्यरा barghara, or in Gaya बर्ज्यरा baharghara, is a cattle-shed. In

Champaran a breeding-shed for cattle is called धारी ghāri. A place where cattle are collected is ज्यान bathān. In some places a special word is used for spots where buffaloes are collected, viz. दिरास hirāt in the north-west, जेंद्र lenrh in North-West Tirhut, नेंद्रार baithār in East Tirhut. To collect cattle is ज्यानियाण्ड bathniyāël. In North-West Tirhut it is जेंद्रियाण्ड leūrhiyāël. A cattle enclosure is पाना pājha in the north-west and पद्मानी palāni in Tirhut. In Shahabad it is जाइन arār. A local name in North-East Tirhut is उद्दा dhattha, which becomes उन्ह dhāth in West Tirhut. A general word is ज्यान bathān. In Patna पद्मान arān, and in Gaya पद्मा ara, is an enclosure for cattle in the forest.

- 1154. To the west an owner of cattle is called हो बार mauār. The song sung by cowherds while herding is called विरन्धा birha, or (in South Munger) महन्दार mahrāi. Another similar song, but sung to a different air, is चाँचर chānchar. चोरन्कार lorkāi is a special cowherd's song concerning a hero called चोर्का lorika. In South Bhagalpur the cowherd's dance is called चोर्बारो loriyāro. The man who dances is called चहुचा natua or चेंद्रचा natua.
- 1155. In Gaya चेल्हा at chelhwa, in West Tirhut चल्हा chalha, and in Sāran चाल्हा chālha, is a knife used by milkmen. The brand for branding cattle is चाटी sāti.

CHAPTER XXII.—CATTLE-DEALERS.

1156. These are फरन्डा pherha north of the Ganges, and in South Bhagalpur फरन्बेक pherbaik. In South-West Shahabad they are परिचा hariha, in Patna चेंडपिंड्याचा lenhriwāla, in South Munger गेंडपिंड्याचा genhriwāla, and elsewhere चारन्याचा hārwāla.

CHAPTER XXIII.-MILK AND ITS PREPARATIONS.

1157. Milk is दूध dūdh. Cow's milk is गय gabya or गोरस goras. To milk an animal is दूसन dūhab or जगापन layācb. A cow that gives milk is जगासर layhar or जगाया laywan, as opposed to नाटा nātha or जनाटा anātha, which is one that does not; one that milks plentifully is द्धारि dudhāri.*

^{*} Cf. § 1117. Another proverb is द्वारि गायक दू लातो भला dudhari gay ke du lato bhala,—even two kicks from a good milker are to be valued.

- 1158. When the milk of a cow or buffalo runs dry, the word used is विद्युव bisukhab. Local words are डाइँड होएव thāinth hoëb (South-East Tirhut), विशव्दाव biskhāb in Patna and South-East Tirhut, वृद्युव chuhtāb in Shahabad, and उत्तर्दा thamra in the south-west of that district. The milk of a cow for six months after calving is धेन (or south of the Ganges देन) के दूध dhen ke dūdh. After that it is बक्रेन के दूध baken ke dūdh.
- 1159. The unsophisticated Bihār villager is not ignorant of the advantage which accrues to the seller by watering the milk he sells. According to popular belief the cow acts as the milkman's confederate in this, as in the proverb गाय गोपार मिखाप, उड़नें पानि दुषान, gāy goāreй milāp, thehuneй pāni duhāb—the cow and the milkman are confederates, for (without the pail leaving his) knee, she lets him milk water into it. At the same time it is but fair to add that some translate the proverb as meaning that when a cow and the milkman are friends she will let him milk her even standing in water up to her knees. Both translations are possible.
- 1160. Clarified butter is च ghyu. Sometimes the Hindī word ची ghī is used. The word is sometimes spelt चीच ghīw. Local names are नेज neun in West Tirhul, चिकाना chikna in Gaya, नेन् nainu or खेन lain in Shahabad, and नेन् nenu in the east. Fresh clarified butter is चहीर के च ahīr ke ghyu, or in South Bhagalpur गिरस्त च girastu ghyu; and that stored for a time in leather vessels कुप्पी के च kuppi ke ghyu or गेस्हा के च gelha ke ghyu. South of the Ganges it is also called दिखनापा च dakhināha ghyu.
- 1161. The sediment which settles in making clarified butter is सविधार mathiyar, साउ māth, or साउा mātha north of the Ganges. South of it it is सन् lainu in South-West Shahabad, सउन्तर mathgar in the rest of that district, सउन्तर mathāha in Gaya, and सउन्तर mathāhi in Patna. The refuse left in boiling it down is दारी dārhi; also सदिया mahiya in North-West Tirhut, and घोर ghor in Tirhut generally. Other names are पाइन phāran and सद्दान mahran in Shahabad, and कोरीनी korauni, used in the same place and in South Munger; खंडोड़ी khankhori in the rest of Shahabad, and खर्ज्यनी khurchani in Patna.

- masculine.* Another name current in West Tirhut is समुद्दे sajur. The old curds put in to curdle milk are जोरज joran. Tyre is a luxury, hence the proverb घर दशी, वचन्री दशी ghar dahi, bahro dahi,—only he who eats tyre at home gets it abroad.
- 1163. Curdled milk is जमाव द्दी jamāo dahi or यजाव द्दी sajāo dahi. Other names are सूची sānchi to the east, यज्ञवा sajwa in North-East Tirhut, मिहर mithur in South-East Tirhut, and जमुर jamui in Gaya. The cream of this is called बाक्ही chhālhi, a local variant being याची chāli in Patna. In South-West Shahabad it is याची sārhi. When this is taken off, the remainder is called कहर दशी katuī dahi or व्यान्वहर chhalkatui. In Shahabad it is also called विद्युर chhinui, and another name north of the Ganges is विद्युर्श chhinuhi. Another variety of curds, from which the whey has been expressed or boiled, is called देना chhena. It is something like the dry curds from which cheese is made in England.
- 1164. The thick milk given by a cow just after calving, or beesting milk, is फेंड्र phenus or फेंड्रा phenusa to the west. In Tirhut and the south-east it is चिर्ना khirsa, and in Gaya डाकर dhākar means the milk of the first milking after calving, फेंड्र phenus being that of the second. A cow that drops her milk is कांमन्ये ह्या kāmdhenua or घंड्यागर dhenuāgar north of the Ganges, also खासर khāsar in East Tirhut. To allow the calf to suck the teats of a cow for an instant before milking, so as to induce the latter to let the milk flow, is फेंग-राण्ड phenhāël or पराण्ड penhāël.
- 1165. Cream is मखाद malāi or बजाद balāi, and skim-milk परावन pasāwan or (in East Tirhut) ছत्तवा द्वध chhanua dūdh.
- 1166. Butter before clarification is नेजन neun north of the Ganges, and also नेज nen in North-East Tirhut. South of the Ganges it is जन luinu to the west, चिक्र-ना chikna and सन्दान makkhun in Patna and Gaya, and नेन nenu there and in the south-east. Butter-milk is महा mattha, साठा mātha, or घोर ghor. In Gaya and the south-west it is also कॉक chhānchh. A well-known proverb about butter-milk is दूषक जर महा फ्रिक पोने dūdhak jaren mattha phūki pībe,—through having been scalded by (hot) milk, he blows on the butter-milk before he drinks it, i.e., a burnt child dreads the fire.
 - 1167. The khoä is milk boiled down till it is thick.
- * E.g., in Manbodh's Haribans, VII, 48, एक মা বহি নটি বল সাহলাছি, ekao duhi nahiñ lel adhalāhi,—they did not take a single bad curd.

CHAPTER XXIV.-CATTLE DISEASES.

- 1168. Medicines are administered through a bamboo tube called ভাষো dharka or কাঁড়ী kānri.
- 1169. The identification of the following diseases is in many cases very doubtful. The list is given rather in the hope that it may form the basis of a future identification by competent experts. Probably many of the names given as representing different diseases are merely different local names of one and the same disease.
 - 1170. Farcy.—This is अशिया agiya or अगिनःवाय aginbāy.
- 1171. Diseases of the stomach.—जॉकी jonki is inflammation caused by small leeches in the stomach and liver. In West Tirhut it is जोकःटी jokti. पराचली petchali, or (in Tirhut) परोक्ष petauk, is diarrheea; पोक्रव pokah, or in North Tirhut कॉंड़ी chhīnri, is purging. पिजःही pilhi is said to be a swelling of the liver. Perhaps it is disease of the spleen.
- 1172. Foot and mouth disease.—This is ভাৰতে khorha in the north-west and in West Tirhut, অভবাৰ ahwāh also in Champāran and North-West Tirhut, ভাৰতে khangāha in East Tirhut, ভাৰতে khangāha in South East Tirhut, আমা ābha in Tirhut generally, and (optionally) ভাৰতে khurha in Patna and Gaya.
- 1173. Diseases of the throat and mouth.— आँती बहब ānti barhab, or भाँती पढ़ जाएन anti charh jäch, is swelling of the uvula. कप्टार kanthar (Gaya and the north-west), भिरुषी bhirukhi (Tirhut), कणा रोग kantha rog (Gaya and Tirhut), दरका dharka (Patna), is a disease of the throat and chest, which swell and prevent the animal swallowing. दाँची dhānsi (north of the Ganges) is cough. बना benga is inflammation of the vessels of the tongue followed by dysentery. ga-t thukha (Patna and the south-east) is described as a disease in which saliva flows from the mouth. सखन्भामी sukhbhāmi (north-west and Gaya), दें दी chheñri (Tirhut), इतन्तर dantnar (South-East Tirhut), इतुचा hanua (South-East Tirhut and Patna), सुकरन्वाँन sukarwant (Patna, Gaya, and Shahabad), इन ज्ञार dant lahar (South Bhagalpur), are described as diseases of the tongue. जियो jibbhi (West Bihār) or जिभन्पहा jibhsatta is lampus. सुद्धी bhundi (Patna) is described as a throat disease. कुछा साह kantha sāru (South-East Bihār), or in Gaya नादी कनन्वा nādi kanwa, is a disease in which sores form in the throat; so also in the same tract is चौना

- शोखा sona hola. चोर सटन्का chor matka (South-East Bihar) is a disease of the mouth which prevents the animal eating. सुंदर्गिखा munihpasija is diarrhoea with watering at the mouth. In Gaya घरन्या ghargharwa is a disease accompanied by rattling in the throat. घोष-फखन्या ghonghphulwa in Gaya, and घेषुचा gheyhuu in Gaya and Shahabad, is a kind of goitre.
- 1174. Diseases of the feet.—Foot-rot is भनकावाद jhanakwāh (North-West Bihār and Shahabad) and भनक jhanak in Tirhut. In Patna it is भनकावाता jhanakbāta, and in South-West Shahabad भनका jhanka. बाता bāta is a swelling of the knee-joint. When a bullock becomes lame through overloading, the phrase used is का जाएव bhar jāēb, सरक जाएव sarak jāēb, or उत्तर जाएव ukhar jāēb, or in South-East Tirhut बद्धा khanja. चरेवा charaiya in the south-east is too large hoofs. बाँग khāng is an insect bred in the feet, which is supposed to devour the whole body. An animal affected with it is बाँगल khāngal.
- 1175. Rinderpest.—This is चेचक chechak everywhere. Other names are गोटी के निकन्मारी goti ke niksāri and महन्माया mahmāya, both generally, and बरन्का बेमारी barka bemāri in Champāran, गोसाउन gosāün in North-East Tirhut, खनार कटन्या antar katwa and जगन्द्रमा jagdamma in Gaya.
- 1176. Windy colic.—This is फुलन्बात phulbāt, पेट-फुली pet phulli in Tirhut and Shahabad. In Patna it is विश्वा bindha. A similar disease, accompanied by difficulty of breathing, is फुलन्बचा phulbayha in Gaya and Shahabad.
- 1177. Staggers.—These are किरानी mirgi generally; other names are चुरानी ghurni (Patna and the south-east), चुनारी ghurni in South-West Shahabad, and चनायर मा hateyarwa in the rest of that district. Perhaps इनाकी tunki in the South East, which is described as a sudden death of cattle, is a variety of staggers.
- 1178. Worm (or filaria) in the eye.—This is चाँद्रनी chāndni in Gaya, and मादा māra or मादा फक्षी māra phulli in Shahabad.
- 1179. Tumours.—These are অভনেত্ৰ jaharbād, with a variant অভনেত্ৰ jaharbāt in Gaya and South-West Shahabad. Another name in Shahabad is বিন্দোষী pirki.
- 1180. Fevers. चहैया arhaiya or चहेया arhcya is a fever lasting two and a half days. In Tirhut it is called जरखोर jarkhor.

- 1181. Pneumonia (?).—A disease attended with panting is called इग्रॅंच hāmph in the north-west and in West Tirhut. In South-East Tirhut it is इपन्नी haphni, and in North-East Tirhut बास bāt.
- 1182. कॉइन्पका konrpakka (South Bhagalpur) is a disease in which the liver gets abscesses. खर्ग kharra is a kind of mange. It generally attacks young cattle.

CHAPTER XXV.—CATTLE-FODDER.

1183. The following grasses and other plants are used for cattle-fodder. Their botanical names have not been in the majority of cases identified:—

अँकन्टा ankta,—see अँकन्री ankri.

चॅकन्दी or चॅकन्ड़ी ankri (west), भेखन्दी bhekhri (north-west and Gaya), भिजोर bhilor (north-west), चॅकन्टा ankta (Patna, Gaya, and southeast); also चटन्का atka (South Bhagalpur), vicia sativa.

चटन्ता atka,—see चँकन्री ankri.

ষ্ট্রতী anthuli (Gaya), স্থাঁতিভ anthil (South-West Shahabad and Gaya).

चन-जान anjān, (Patna, Gaya, and Shahabad).

चन-ता amta (West Tirhut).

अमन्दोरा amrora (East Tirhut, Gaya, and Champāran.)

चरेया araiya (generally).

चाँ दिख anthil,—see चँहनी anthuli.

चनन्टा चिरन्चिरी unta chirchiri (East Tirhut and Gaya).

चोरी टीनी ori tini (Patna and Gaya).

चौंकर aunkar (Shahabad and Gaya).

कजन्स kajla (Champaran and North-East Tirhut) or कजन्दी kajri (Shahabad).

कतन्दा katra (Saran and Tirhut).

कनन्या kanwa, कन्ना kanna, — seo केना kena.

करनी karmi,—see करेम karem.

बरार karār (Shahabad and South Munger).

करेन karem (South-West Shahabad), कारनी karmi or करनी उत karmi lat elsewhere, a creeping-plant with a small white flower which grows in marshes (Convolvulus repens).

काना kāna,—see केना kena.

कुकर्रींघा kukraundha (north).

कुषा kukusa (South-West Shahabad).

केना kena (west and Gaya) or काना kāna (Tirhut, Patna, and South Munger), also कमन्या kanua (Gaya) and कन्ना kanua (South Bhagalpur and Gaya), which grows in Indian corn.

कोदिना korhila (Champaran and North Tirliut).

कीचारा kauāra (East Tirhut).

खगन्डा khagra (Shahabad).

खुखन्सा khukhsa (general).

चोभी khobhi, (South-East Tirhut, Gaya, and Champaran).

गञ्जनी garni (north-west).

गँड़न्डर ganrhar (Shahabad, Gaya, and South Munger), गड़ियार gariyār (west), गँड़ेर ganrer (Gaya), गाँड़र gānrar (Patna), गड़ार garār (south-east), गड़न्डवचा garharua or गँड़ेरी ganreri (north).

गङ्ग्हरचा yarharua, गङ्गार yarar, गङ्गिर yariyar, गँड़ेर ganrer, .गँड़ेरी yanreri,—800 गँड़न्हर ganrhar.

गदन्पँद्रोचा gadpanroa, गदन्पद्रोड़ा gadpirora, गदन्परना gadpurna, —see गधन्परना gadhpurna.

गधन्त्रस्वा gadhpurna (West Tirhut and Champaran), गदन्त्रस्वा gadpurna (Shahabad), गदन्पे gadpanroa (Patna and Gaya), गदन्पि इोड़ा gapinrora (South Munger), प्रस्नस्वो purnuo (South Bhagalpur) (Boerhaavia procumbens).

गाँड्र gānrar,—see गँड्न्डर ganrhar.

गँचेरा gunjera (South-West Shahabad).

गोधन्ता godhna (East Tirhut).

चकोड़ा chakora,—see तिनन्पतिया tinputiya.

परी chari,—see चोराँड chorant.

TTT chāra, branches of trees, especially of the pipar (ficus religiosa) or of the bar (ficus Indica) given as fodder to elephants.

चिक-की chikni (South-West Shahabad and Gaya).

चिषादोर chichhor,—see चिचारी chichori.

चिचारी chichori (Tirhut), also चिचार chichor (north and Gaya), चिचारो chichhor (east) or चिचारो chichoro (South Bhagalpur and Tirhut) and चेंड्र lenrai (north-west).

चिन-वा chinwa (East Tirhut).

चँच chench (west), बड़ाँकी garaunchhi (Champāran and Patna), घराँची sāraunchi (Gaya and South Bhagalpur), सरावशी sarhanchi (Gaya and South Munger) (various species of Achyranthus).

चोराँट chorānt (Gaya and South-West Shahabad), चरी chari (west generally), चोराँटा chorānta (Patna), खड़गुड़ो jurguro South Bhagalpur), and खगड़ा jugra (South Munger).

जनराइ jakerāi,—see जीनेराइ jaukerāi.

जिनन्वर jinwan (west) or भीरो jhiro (East Tirhut).

जूर jūr (South-West Shahabad).

जुगन्ड़ा jugra, जुड़न्गुड़ो jurguro,— see चोराँट charant.

জীৰ job (Tirhut, Gaya, and west generally).

की कराइ jau kerāi (generally); जकराइ jakerāi (south-east). See § 959.

भवा jharua,—see भार jhār.

নাৰ jhār (Tirhut and Gaya), সক্ষা jharua (Sāran and Patna), a kind of brushwood growing on wells, &c.

भीरो jhīro,—see जिन वाँ jinwān.

डिया tharhiya (Shahabad and East Tirhut).

ভাँगर dāngar (Patna and Champāran), a species of Indian corn which bears no cobs.

डामी dābhi (north of Ganges, Gaya, and Shahabad).

डेड चा derhua (South Tirhut).

तिनन्ती titli (Gaya and west), तेनारी tetāri (Tirhut), तेनार tetār (East Tirhut).

fants titoi (Gaya and South Munger).

तिन-पतिया tinpati, a (south and west) and चकोड़ा chakora (Gaya south-east).

नेतार tetar, नेतारी tetari,—see तिनन्ती tilli.

दुधिया dudhiya, a kind of wort. It is very poisonous.

द्व dūb or दूभ dūbh, also south of the Ganges दुशी dubbhi (cynodon dactylon).

भक्तरा dhakra (Tirhut and Champāran).

धिमोद dhimoi (Gaya and west), बिमोद chhimoi (South Munger).

गरन्या narcha (Gaya).

बरन्जोंक narjonk,—see खरन्दी larhi.

नत्या narua,—see पोचार poar.

नरे narai, नार nār, नेवारी newāri,—see चार lār.

पतन्सार patlar (Champaran).

पपन्रा papra,—see पिपन्रा pipra.

पर्चौता pasaunta,—see बर्चौता basaunta.

पिपन्रा pipra (South-East Tirhut, Patna, Gaya, and South Munger), पपन्रा papra (South-West Shahabad), and पुपन्रा pupra (Champāran and South Bhagalpur).

प्रपन्रा pupra,—see पिपन्रा pipra.

पुरन्नवो purnwo,—see मधनपुरन्ना gadhpurna.

पोचार poar (south), पोरा pora (West Tirhut), नवचा narua (South Bhagalpur), straw which has been trampled in the threshing-floor.

फरन्का pharka (South-East Tirhut)

फ्रांटिया · phutiya (East Tirhut).

फुलेमा phulena (north-west), श्राम तुलन्दी shām tulsi (West Tirhut) or वन तुलन्दी ban tulsi (East Tirhut).

फॅफन्नर phepina (East and South Tirhut).

वन तुबन्धी ban tulsi,—see फ्रुबेना phulena.

बन पोसा ban posta (Champaran and Gaya), wild poppy.

बन केराद ban kerāi (Patna, Gaya, and West).

वर्धौता basaunta (north of the Ganges), वसन्यका baswanta (Shahabad), or (North-East Tirhut) पर्वोता pasaunta, which grows in Indian corn.

विवादी bisārhi (East Tirhut).

बेहियाँ berhiyan,—see बेरी beri.

बेखन्वन belwan, बेखोचा belonha, बेखोधन belaudhan,—see बेखाँधा

विशेषा belaundha, which grows in rice and millet, found north of the Ganges, in Patna, and South Munger. In Gaya it is विशेषण belaudhan, in Shahabad विशेषण belwan, and in Gaya and South Bhagalpur विशेषण belonha.

बेरी beri (Gaya), बेहियाँ berhiyan (Patna).

भिकोर bhilor,—see चॅकरी ankri.

भूषी bhūsi (north) or भोषा bhosa (Tirhut), chaff.

अंबन्दी bhekhri,—see चंतन्दी ankri.

भोषा motha (north of Ganges, Shahabad, Gaya, and south-east) (cyperus rotunda).

सको के डॉड makaï ke dant (Gaya), Indian corn stalks.

सकरा makra, a grain (north of Ganges, South-West Shahabad, and South Munger) which grows in Indian corn. See § 993.

मप्द के नारा mandu ke nāra,—see मनुषाटी maruāti.

मधी masi (Sāran).

मुरुमुर mutmur (north of the Ganges), which grows in rice-fields.

सङ्खाटी maruāti (Gaya and South-West Shahabad), मण्डू के नारा mandu ke nāra (Gaya), marua straw.

सुनन्मा munga, सङ्ख्यन sahjan, &c., (hyperanthera moringa), see यसैन saiyan in § 1074. It is very plentiful at Gaya, hence the proverb—

मुनन्ता, मच्हर, मोखन्तार, मालन्जादी, दे चौरा में साइबन्ता की खाबादी,

Munga, machchhar, mokhtār, māljādī, ī chāro señ Sāhabganj kī ābādi.
—Munga, mosquitoes, attorneys, and courtezans, these four make up the population of Sāhabganj (i.e., outer Gaya).

मुनन्मन munmun (north-west).

सुरन्का murka (north), found in wheat and barley.

सुरेना murena (west).

रटनी ratni (East Tirhut).

राडन ratan,—see राही rarhi.

राही rāri (north of Ganges).

राही rārhi (Shahabad, Patna, and Gaya, and South Munger), राटन rātan (South Bhagalpur).

चपन्टा lapta (Gaye and west.)

खरन्जोंका larjonku,—see खरन्दी larhi.

बरन्दी larhi (Patna), नरन्जोंक narjonk (South Munger), लरन्जोंका larjonka (South Bhagalpur).

जार lar or नार nar, also नरे narai (South-West Shahabad), and नेनारी newari (Patna and Gaya), untrampled straw.

चंद्र lenrai (Gaya and west) or (North Tirhut) को दिवा korhila, found in rice-fields. The same as विचोरी chichori.

शाम तुस्तानी sham tulsi,—see फ्रावेना phulena.

चाँदें sāñiñ (Gaya and Shahabad) or चामी sāmi (North-East Tirhut).

चाना sāma (Tirhut),—see § 989.

सामी sāmi,—see साँद sāñiñ.

ซา้ตรั sanwan, (Gaya, South-West Shahabad, and South Munger).

विद्योद sihor or विद्योद्धा sihora (Champāran and Tirhut)

हचरा suara,—see हर-बरिया surbariya.

सरन्वरिया surbariya (Patna and Gaya), सुरन्वर surbar (Gaya and Shahabad), सुखरा suara (Gaya and Shahabad), सरन्वारी surwari (north), found in millet.

सर्जार surbar, सर्जारी survari,—see सर्जिरमा surbariya.

सेदी serhi (South-West Shahabad).

चड़ा hara,—see चड्डा hadda.

ভা hadda (north of Ganges) or (East Tirhut) হরা hara, হারা hāra, (Gaya and South-West Shahabad), which grows in millet (euphorbia hirta). Cf. also § 1075.

चथ-वे hathbai (East Tirhut).

इरोती harauti (South-East Tirhut).

चाड़ा hāra,—see चड्डा hadda.

DIVISION VIII.

LABOUR ADVANCES, WAGES, AND PERQUISITES.

CHAPTER I.-PAY AND ADVANCES TO LABGURERS.

1184. A labourer generally is मजूर majūr, also in Tirhut and the south-east जन jan. Another very general word is विनदार banihar. In East Tirhut a कमरिया kamariya (i.e., he who wears a blanket) means a labouring man generally. In Patna, Gaya, and South Munger he is also कमियाँ kamiyān. In Tirhut चाकर chākar is a paid servant, as opposed to बिस्या bahiya and चरन्वाच charwāh, which mean an unpaid servant. A day-labourer is in South-East Tirhut रोजाना rojha; elsewhere he is मज़र majūr or जन jan, as above. A servant engaged by the year is at nokur north of the Ganges, and also strain harwah (literally, a ploughman) in Tirhut. Forced labour is बेगारी begari, and a forced labourer is बेगार begar, or in Gaya चानिस इकामी hākim hukmi. In East Tirhut जिर्जिस jiratiha is a labourer who receives land rent-free and works for his master without remuneration in the agricultural season. In the north-west the पारीवासा pārīwāla sometimes works for his master and sometimes for himself. In Tirbut water khawās means a male house-servant, Hindu or Musalman. A proverb which alludes to him is चोरक सङ्घ चोर, पहरक सङ्घ खनास. chorak sang chor, paharuk sang khawas,—with other thieves he is a thief. but in the presence of the watchman he is simply a servant.

1185. A labourer's pay is मजूरी majūri, or to the east पजूरा ajūra. When paid in kind it is बन ban or बनि bani, also बोनि bani in North-East Tirhut. When paid daily it is also called रोज rojor (in Patna, Gaya, and South Munger) रोजीना rojina. In Champaran it is रोजन्बची rojbandhi. Monthly wages is दरमादा darmāha, also महिन्ना mahinna when it is a fixed sum, and महिन्नारी mahinwāri when it means the average income of the month. Yearly wages is चालियाना sāliyāna or पाणीना sālīna. In the north-west it is also पाणीना salīna, and in

North-East Tirhut चरानी barkhi. In Saran and North-West Tirhut मनी mani is an allowance of grain made to a servant in lieu of pay. In South Munger it is कोराना korāna.

1186. Advances of pay to labourers are फाजिल phājil or समस्वद् agwar in the north-west. In East Tirhut they are जनीर janaur, in West Tirhut स्वादिशे agauri, and in South-East Tirhut also समास agāir. In Shahabad they are समस्वन agwan, in Patna समार agār, in South Munger समोरी agauri, and in South Bhagalpur समझीर agraur. In Gaya they are कमियोटी kamiyauti. इरन्यर harwar in the west, and सरीरी harauri in South-West Shahabad and Tirhut (or in East Tirhut optionally स्रोर haraur), is an advance of grain or money or a piece of land given to a ploughman when he is engaged. In the southeast it is स्राचारी harwāhi, in Patna कमिस्टे kamiaī, and in Gaya कमियोटी kamiyauti.

CHAPTER II.-ADVANCES TO TENANTS.

- 1187. Advances are generally तगावी tagāwi or कराजा karja. The following special names are also used:—
- 1188. Advances to buy food.—These are উত্তৰ khaihan to the west and in Patna and Gaya. In Tirhut they are called ৰনিহীতা baniyanta, and when in each কংলা karja. In Patna and Gaya they are তাত্তিৰ kharihan.
- 1189. Advances to buy seed.—These are विश्वहन biahan in East Tirhut, and बीइन bihan in Patna and Gaya. In Shahabad they are बीचा बँगा biya benga or बीचा बाल biya bāl.
- 1190 Advances for purchase of cattle and sinking wells.—These are तगावी tagāwi or करंजा karja south of the Ganges. In East Tirhut पश्चावा adhlāwa, and in West Tirhut पश्चावा adhlāppa, is the advance made to a tenant for the purchase of cattle. The lender receives back the amount of the advance and half of the profit derived from the cattle.
- 1191. Advances for marriage expenses.—These are कर-जैन karjain in Patna.
- 1192. In Champāran दिस्की dahrhakki is a remission made by the landlord to a lesseo. In South-East Tirhut similar terms are कुटानी: chhutti (used also in Patna and Gaya) and बानिर khātir. In West

Tirhut and Champāran when fallow land is given to a cultivator for a quarter rent or rentfree for the first year, the custom is called विकासी khilhi. So also in South-East Tirhut it is चारा वास āsa chās, and in Shahabad खींच मारी khīl māri. See also §§ 912 and 913.

CHAPTER III.-DUES PAID BY TENANTS.

1193. These are principally the cesses paid to the resident artisans and other non-cultivating residents in the village, who are known as पवनी pawani, पौनी pawni, or पौनिया pawniya. In East Tirhut they are पवनी पसारी pawani pasari.

1194. The carpenter (ৰত্তৰী barhi) and blacksmith (লাখাং lohār), who are generally the same person, get a fee from the member of a marriage procession who gets any work done by him. This is known as fasta birit in South Munger, and as वियास दानी biyāh dāni in South Bhagalpur. Elsewhere it is simply द्वाम inām or बकरीम्स baksis. His remuneration for the repairs of instruments is कटा katha in Saran, जीरा jaura in Champaran, and पांच pāl in Tirhut. In Shahabad it is कमाइ kamāi, and so also in East Tirhut. In South-East Tirhut it is also with bhāmwar, and in South Munger it is कमेनी kamaini. When he is paid at so much paddy per plough, it is called, according to the amount, when bojha in Saran, Patna, Gaya, and the south-east, आदिया antiya or पाँजा pānja in Champāran, and पंजीर panjaur in North-East Tirhut. Another of his perquisites received at the time of sowing is called पञ्चर amur in Shahabad and अंजुरी amjuri in Gaya. He receives a further remuneration for keeping the cane-mill in order. This is पचन्दावन pachrawan or भाँवर bhamwar in Shahabad, को एह-कड kollikarh in l'atna, कोल्हन्कर kolhkar in South Munger, and कोल्हन्पचन्रानी kolhpachrāni in South Bhagalpur. In Saran he gets two rupees for each mill, and his remuneration is called size khan. For repairing other implements he gets in Sāran मानी sāli, and a similar cess in Champāran and Tirhut is known as खिर्डाकी kharihāni. In South Bhagalpur भौरी bhaunri is the general term wed for his perquisites. In North-West Tirhut win khān, and in North-East Tirhut खन khan or कमाइ kamāi (which means wages for any work done), are the wages for making a new mill. The grain actually given is stell dali, and amounts to from 10 to 30 sers. The fee for repair is fan-sel bighati, and is 4 annas per bigha for altersa

- morhan or first cuttings, and 2 annas per bigha for that i or second cuttings of the cane.
- 1195. The weaver's perquisite.—This is in North-West Tirhut बानी bāni, and elsewhere बाना bāna.
- 1196. The shoe-maker's (चमार chamār) perquisite.—This is माँबर bhāmwar to the west. In Gaya and Shahabad, however, it is खरिषानी kharihāni. It is पाछ pāl in Champāran and Tirhut, also बमार kamār and पँजीरा panjaura in North-East Tirhut. In the South-East it is पाँजा pānja or बोका bojha, and in Patna and Gaya मॅगन्नी mangni. वियोग biyaua to the west and दन dat to the east is the fee given to his wife for service as a midwife.
- 1197. The sweeper's (मिष्डनर mihtar) perquisite.—This also is खिर्चानी kharihāni or कमार kamāi in Shahabad. In the south-east it is a sweeper's and not the shoe-maker's wife who officiates as midwife. A sweeper in the south-east is चाड़ी hāri, and his wife is चाड़िन hārin. The fee paid her for her services is दन dat or दन भोजानी dat bhojni.
- 1198. The perquisites of the village accountant (परन्वारी patwari) are many and various. In Patna and Gaya if the tenant's lands are नगरदी nagdi he gets in Patna 2½ sers per bigha, and in Gaya 12½ sers per plough. This is called साँगन mangan, and is his recognised salary. He also gets a fee of one pice in the rupee per annum for answering a raiyat's inquiries about his rent. This is called अञ्चलाना hujtāna. If the land is भावन्ती bhāoli, he gets in the same district, in addition to the above, नौंचा noncha (also in Shahabad नोचिया nochiya) or "pluckings," which amount to the of a ser per maund. A similar fee is called बसन्तर balkat in Sāran. In Shahabad a village accountant gets in the case of नगरदी nagdi lands a perquisite of 1 an anna in the rupee, called टकडी takahi. In the case of भांबन्डी bhāwli rents he gets ½ a ser or a ser per maund, the first being called अवेरी aseri, and the second सेरी seri or चॅरन्डी serhi. In the case of a general clearance of rents he gets a present of 8 annas or a rupee, called फरकतियावन pharkatyawan. In Tirhut this item is called फरकाना pharkāna or फरिकामा pharikāna. In South Munger lands are principally नमन्दी nagdi, and the village accountant is a servant of the landlord and is paid by him, and gets nothing from the tenants. His pay is as In the case of नगन्दी nagdi tenures he gets a माँगन mangan of 5 sers per bigha. When the land is भावाची bhāoli he gets 21

sers per maund, and his pay is called द्विषक माँगन dahiak mangan. He also gets a परन्यामा pharkana of one pice per rupee in the case of a clearance of accounts. In South Bhagalpur the tenant gives the accountant a नेग neg of 3½ sers per maund. In most districts he charges a pice for every rupee for which he grants a receipt. This is called generally रिषदामा rasidāna or रिषदामन rasidāwan, also कव-कामा kabjāna in East Tirhut. चोनी खेलाइ holi khelāi or फगुमाची phaguāhi, दोचान प्रमाद doāt pnjāi, and दुरना प्रमाद durga pnjāi, are cesses levied by the accountant on the three main Kāyasth festivals of the Hindu year. The above are the usual amounts of his fees, but many of them vary from village to village.

- 1199. Perquisites of the weighman.—See § 914.
- 1200. The village watchman (गोड़ेन gorait, कोनःवास koiwāl, or (when a Government servant) चौकीदार chaukīdār) is sometimes paid by a grant of rent-free land (जागीर jāgīr), and hence he is called in South Munger जागीरव्दार jāgīrdār. When otherwise paid, his remuneration is called generally south of the Ganges चौकीदारी chaukīdāri. In the north-west it is खरिदानी kharihāni, in North-East Tirhut गोड़ेनक यूड goraitak mūth, and in South-East Tirhut गोड़ेनी goraiti. In Patna and Gaya he is sometimes paid in kind, and his fee is then called फिससाना phasilāna, and in Gaya also नाँचा noncha.
- 1201. The perquisites of the landlord.—In addition to his rent, the following customary cesses may be noted : - गोचाम yoam in Patna, Gaya, and South Munger, बन्हः वैधा banhwaiya in South-West Shahabad, and गोचार gohār generally, are personal services rendered to the landlord by the tenants en masse. इक्सन hukumat or फरनाइस pharmāis are occasional demands of service or produce for special purposes. This in South Munger is called मदन madat, and in South Bhagalpur इकामेनी hakmaiti. His perquisite of milk from his tenants' cows is in South-West Shahabad 3314 duhão. Cesses paid on special occasions are generally called चलामी salāmi, but there are frequently special names. E.g., when a tenant's daughter is married, the landlord gets a fee called वियासन्दानी hiyāhdāhi, पादियात sādiyāt, सदिवात sadiyāt, or महियाना sadiyāna. In North-East Tirhut this is usually one rupee four annas at a girl's marriage, and ten annas at a boy's marriage, which is realised from every one except Brahmans, Kavasths. Rajputs, and Musalmans. In South-West Shahabad it is मंडन्यक In Tirhut and the east মিঁবাৰ dhingān is a fee paid mañrwanch.

on the marriage of a daughter for the second time, and without bhoini is paid on the marriage for the first time of a boy or girl. former cess is paid in eash, but the latter in kind; e.g. in rice, pulse. or clarified butter. For other cesses paid by cowherds, see § 1151. The help given by the tenant in ploughing the landlord's lands is that to the north and the west generally. To the east it is where harihar, परिचरा harihara, and परिचरी harihari. Local names are चँगाचा sangāha in North East Tirhut, Tirk harāi in Shahabad and South-West Tirhut, and worth harāhi in Patna and Gaya. The presents given to the landlord when he visits the village are पद्धामी salāmi or (in Shahabad) नजनराना His fee when a house is built or sold is चौड chauth generally north of the Ganges, and also in East Tirhut जर चौड jar chauth. In towns in Patna and South Munger it is चौचेवा chauthaiya, and elsewhere simply vaith salami. He collects cesses in the nature of a ground-rent from the resident artisans and traders in the village. These are called मोतरन्मा motarpha or मोतन्हरन्मा motharpha generally, कोडियारी kothiyāri in Champaran and Tirhut generally, and बद्दी basurhi in East Tirhut. South of the Ganges they are दुवनी duanni, or (to the east) THE abuab. In Patna and Gaya the former name represents a cess of the following description. 15 mans of grain, or thereabouts (according to village custom) is assumed (when rent is paid in kind) as the produce of one bigha. For each bigha (or 15 mans) thus calculated of the tenant's share of the crop, the landlord takes a cess of 2 anas. In the case of lands paying cash rates, the cess is levied at from 2 anas to 9 pice on each bigha of land held by the tenant. yt pur is a fee of one rupee per loom paid by weavers. South Munger statt charsa is a cess paid by tanners. In North-East Tirhut केयाची keyāli or कियाची kiyāli (also बरन्दाना bardāna in Patna) is (or was) a transit-duty levied on cartmen for every load of grain they took. Sometimes it was levied at every place where they halted for the night. In the same tract the same name is also used for a tax levied on grain-sellers' weights. is called कौड़ी kauri in the north-west, and मल्लिकाइ चुटन्की malikai chutki in South-East Tirhut. In Shahabad it is aurs bayai. In Gaya it is किराया kirāya, and the corn paid is माँगन्नी māngni. In the southeast तश्यक्तारी tahabjāri or तयकारी tabjāri is a similar tax levied on shopkeepers.

1202. Rents are generally calculated in the old sicca rupees of Akbar, which are converted into current coin by adding exchange rates,

called **THT HTS** batta māl and **THT THY B** batta kampani. The batta māl is added direct to the rent in sicca rupees, and denotes the exchange rate between them and the Murshidābādi coin introduced in the year 1773. In 1835 the introduction of the Company's rupee, 1_{75} of which equalled $\frac{1}{16}$ of the Murshidābādi rupee, led to the imposition of a further rate of exchange, called batta kampani, which is calculated on and added to the rent calculated in sicca rupees plus the batta māl. Each of these rates of exchange is generally less than one ama per rupee.

1203. Dues given for religious purposes.—The first fruits given to Brahmans are विद्यन पिरित bisun pirit, and also (north of the Ganges) विसन अन्स bisun ans. To the west they are अँगें के angain or अंगें आ angauñāñ. On the other hand first fruits set apart for house-gods (भृति गनेच bhumi ganes) or penates are चर्मी agaun, or (in Shahabad) चान्वर agbar, and (in Champaran) रस्चड़ rasuar. In South Munger three small heaps (ant kuddi) are put aside on the threshing-floor. One is given to the Brahmans, and is called विश्वन पिरित bisun pirit; the second is given to the Australian of the village, who is known as देश्वरी dehuri, and is called सहार sahar; and the third, called चारी agaun, is set apart for the house-gods, and is consumed by the cultivator himself. In South-West Shahabad a small heap of grain is put aside for the village god (ferrant dihaar). This is given to the village milkman (भोषार qoār), who performs the worship of the god, and it is called fusit pithar. In South Munger बहुन्देश bahraiya, and generally बेस्टरी behri or बसरिया bahariya (all of which mean simply a subscription), are names for the subscription for the expenses of village worship. and दिश्यम dahiak is a similar cess of 12, and सर्वेया savaiya of 11. seers per maund. The grain set aside for beggars (फकीर phakir) are known as भिका bhichchha or भीख bhikh amongst Hindus, and रसली rasuli or फिकराना phakirana amongst Musalmans. The सिव अन्स sib ans is the portion set aside for religious mendicants (सन्यापी sanyāsi).

1204. Miscellaneous.— प्रतिवा puraunta is the fee paid by the members of a marriage procession to any person who does any work for them. In North-West Shahabad 10 sers per plough are taken each by the washerman (धोबी dhobi) and the blacksmith (बाबार lohār). This is called जोरा jaura. In the same place खान्च kharwan is an armful of crop given to each of the following:—the blacksmith, the carpenter (बढ़ानी barhi), the barber (जोबा naua), and the washerman; and the कहा kera is a smaller bundle of crop given to each of the same four.

Again पूरी pāri is three handfuls of crop given to the same four. In West Tirhut a similar cess is called पास पहेरी pāl paseri.

1205. In Shahabad, and also in South Bhagalpur, as ban is an allowance of one maund in twenty-one or twenty-five of crop given to the agricultural labourer. In South-West Shahabad the cowherd receives a certain share of the milk of the cows he grazes, which is called utt bara. In South Munger this is uttu paraundha, and in South Bhagalpur utivi parodho. Similarly warest athwara (i.e. paid every eighth day) in Saran, पार par in North Tirhut, भाँका bhānj in West Tirhut, and पारा pāra or दुरिया duhiya in South Tirhut, is the milk given to the milkman as a fee for milking cows. charwāhi is a fee paid to the herdsman for herding. चरार charāi in Shahabad. चलामी salāmi or कमरन्त्रीलाइ kamarkholāi is the term applied to the presents made to or demanded by a police-officer or Government peon on entering a village, and the same terms are also applied to the presents made by the local police to the menial servants of magistrates and other high Government officials when in camp in their own district. In West Tirhut they are also called दनाम inām.

DIVISION IX.

LAND TENURES.

CHAPTER I.—TENURES.

1206. The descriptions contained in this division do not pretend to be legal definitions of the tenures referred to. On the contrary, they are only to be taken as giving the popular ideas (always more or less indefinite) current among the villagers as to the nature of the tenures.

Land tenures may be divided into-

- (1) Proprietary tenures.
- (2) Tenures intermediate between proprietary and cultivating ones.
- (3) Cultivating tenures.

CHAPTER II.-PROPRIETARY TENURES.

1207. (1) Revenue-paying tenures.—These are known everywhere as जिमिदारी jimidāri. A very large landlord is, however, called a नालुकादार tālukādār, and his tenure नालुकादारी tālukādāri. This is the popular distinction in Bihar between the two names. Both tenures can be held in common and can be divided. When, in popular phraseology, it is wished to name a tenure which cannot be held in severalty, but is owned by one heir, the other heirs being given villages or parganas on which to subsist, it is called a राज rāj. In a जिमिदारी jimidāri (or नालुकादारी tālukādāri) tenure the whole land is held and managed in common. The property itself is called जिमिदारी jimidari, or मिलन्कियत milkiyat if it is small, and नालका tāluka if it is large. The rents with all other profits from the estate are thrown into a common stock. and after making the deductions to be noted further on the balance is divided among the proprietors according to a fixed law or share. The deductions are the Government revenue and other expenses. The Government revenue is generally मान्युनारी mālaujāri or मसन्युजारी malyujāri, also साट lāt and रोस rol in Tirhut and to the east, and water khajana in North-East Tirhut. In Patna

and Gaya it is also known as कारा kalatri. The other expenses are known as गाउँ खरन्य gaiñ kharch generally, also गाँव के खरन्य gānw ge kharch or गवेंगाँ खरन्य gawaiñyāñ kharch in Tirhut. In South-West Tirhut they are also मासीना खरन्य sālma kharch. In Gaya (and East Tirhut optionally) they are देशी खरन्य dehi kharch, in Patna प्रखन्ताज्ञान ekhrājāt, and in South Munger गरन्यी खरन्या garhi kharcha. In South Bhagalpur they are बन्हन्द्राचा bank-khārcha, which properly means embankment expenses.

- 1208. A landlord is जिमिदार jimudār or माजिक mālik; also sometimes सरकार sarkār. Local names are गाँव के डाकुर gāñw ke thākur in South-West Shahabad, and गौं आँ gamāā generally in that district. When the tenure is held in joint property, the shareholders are called चिस्टार hissedār, &c., see § 1214. The Government revenue is paid in by one of the body, called जमरदार lamardār in Sāran and मोखन्तार mokhtār in Tirhut and Patna. In Shahabad he is जमरदार lambardār. He is also known generally as तद्विज्ञादार tahsildār, कारवपरदाज kārpardāj, or मोखितयार mokhtiyār. In North-East Tirhut he is also known as दिपन्दार tipdār. The inferior proprietors are known as खुरादिया माजिक khurdiha mālik north of Ganges, while south of the Ganges they are खुरादिया माजिक khurdiya mālik. In Patna they are known as खुरादिया प्रांग्रंग hissedār.
- 1209. (2) Free grants.—These are known generally as बिरित birit, and the holder as बिरितचा biritiha or बिरितन्दार biritdār. These are general terms, and amongst them may be mentioned the following:—
 - (a) Granted for religious purposes.—These are known generally as सङ्ख्य sankalp, and are of different varieties, such as बरन्मोतर barmotar, for the worship of Brahma; विश्वन श्रीत bishun prit or विश्वन खरूपन bishun arpan, for the worship of Vishnu; विकोतर sibotar, for the worship of Siva; किश्वन खरूपन kishan arpan, for the worship of Krishna, and so on.
 - (b) जागीर jāgir, जाखाराज lākhrāj (rentfree), माफी māphi, सिनाई minhai (at reduced rent), or खिल्ला khillat. These are properly grants for warlike services. They are also (especially जागीर jāgir) applied to the free grants of land for services made to the potter (कुन्दार kumhār), watchman (गोईन yorait), and other village servants.

- (c) A grant given to the family of a man killed in the Rājā's service in open fight. This is भरन्वट marwat in the west, and मरीटी marauti to the east.
- (d) A विरित्त birit may be either acquired by purchase, when it is known as खरिंद्रानी kharidyi, or it may be given by favour, when it is called दनाम inām or दनामान ināmāt.

 Local names in such a case are खेरान khairāt in Shahabad, and खुभन्दकन khusbakat in South Bhagalpur.
- (e) फोरिश khorish or मोकरी mokri (north of the Ganges), also पासक pāluk (Sāran), other local names being खोराकी khorāki or परन्तम्ती parwasti (South-East Tirhut) and खानन्दान khāndān (North-East Tirhut). This is an assignment by a rāja to a younger son or brother of a certain number of villages in the estate for subsistence for himself and his descendants for ever. On failure of descendants the grant reverts to the parent estate. This occurs in the case of a rāj which cannot be divided.

CHAPTER III. -- INTERMEDIATE TENURE.

- 1210. The principal intermediate tenure is that known as डोनेदारी thikedāri, in which the holder (डोनेदार thikedār) contracts to hold the property at a fixed rental either for a certain term of years or until a sum of money (जर समन jar saman) advanced on usufructuary mortgage is repaid. In the former case it is also called खुगानी डोना khushki thika, and in the latter पनीतन patautan in Shahabad, पटौँचाँ patauñān in the North-West and Tirhut, and generally सभौचा पटौँचा sadhaua pataua. A mortgage lease is दजारा ijāra or जर पॅगानी डोना jar peshgi thīka. See § 1487.
- 1211. Among other intermediate tenures may be noticed the पतःनी patni tenures, which form the subject of special laws. They may be briefly discribed as estates created by a landlord by separating a portion of his estate and letting it in perpetuity at a fixed rent. Subdivisions of these tenures let on the same principle are called द्राप्तानी darpatni, and these last are sometimes again allotted into smaller portions, called चीपतानी sīpatni. The holder of patni lands is called a पतानीदार patnidār.

- 1212. A tenure which may be either intermediate or cultivating, and which may be noticed here, is मोबरी mokarari, or tenure in perpetuity at a fixed rent. In some parts of the country these are also popularly known as रिवरमी sikmi tenures, which usually mean under-tenures held by a cultivating raiyat.
- 1213. In Champāran चिकामी sikmi tenures are described as dependent proprietory taluks paying land revenue through the landlord who is responsible for it, and not into the Government Treasury direct. Concerning चिकामी sikmi rents in Gaya, see §§ 1225, 1226.

CHAPTER IV.—SHARES AND SHARERS.

1214. A share in a village is रिसा hissa and also (in Tirhut and the west) quest bakhra. The subdivision of a village held by a proprietary body is known as us patti or तखन्ता takhta, also wोक thok north of the Ganges and wis phat in Gaya. A shareholder is िस्सिदार hissedar or सरिकन्दार sarikdar; also बखरन्दार bakhardar to the west, परिदार patidar in Tirhut. The proprietor of a half share is called अधिया adhiya north of the Ganges, and आध्याध adheadh in South-West Shahabad. The inferior shareholders are called खरादिश khurdiha, &c., as described in Chapter II. पही patti is also used to mean the principal share in a village, which may contain several funeral sikmi or subordinate shares. The shares of a brotherhood are भेगाँड bhaibant generally, or in Patna and South Munger भेया बाँट bhaiya bant. In the west they are also भेया bhaiwadh. A father's share is aund bapans, also aund baphans in Saran, autel bapauti in North-East Tirhut, and siel jaddi in West Tirhut. An elder brother's share (which according to popular belief was larger than the share of the younger brothers before the institution of the English law-courts) is जंदन्स jethans, also जंदन्स jethhans in Saran, and in North-East Tirhut जारीती (not जारीरी) jethauti. The Government revenue is मासन्युजारी mālgujāri, &c., as described in Chapter II. The half-yearly instalment is known as च्यान्यर adhkhar or व्यान्तर adhkar north of the Ganges, also as चडनिया athaniya or चढरी athanni generally. In South Bhagalpur it is चध-कड किस adhkar kist. The distribution of the revenue over the sharers in villages held by a brotherhood is in South-West Shahabad भेर bher. Elsewhere a periphrasis is used, such as दिसा परिदारी hissa patidāri.

A proprietor by purchase is खरिदार kharidār, and also (north of the Ganges) बेदार baidār.

CHAPTER V.—CULTIVATING TENURES.

- 1215. A cultivator is known as ष्यामी asāmi, रेयस raiyat, परामा parja, or कासानार kāstkār. In Patna he is also पोतेदार potedar. A tenant with rights of occupancy is मौद्धा maurūsi (literally, hereditary) or कदोमी kadimi (ancient), also देशी dehi (resident) in Patna and Gaya, and जदादी jaddi (ancestral) in Shahabad. A tenant at fixed rates is रूपमानारी istamrāri, but this distinction is little observed. Hardly any cultivators, and very few landlords, know the difference between a tenant at fixed rates and one with a right of occupancy. A cultivator without rights of occupancy is known as गर मोद्दानी gair maurūsi, also as पानी pāhi (literally, 'foreign' or 'non resident') in Patna and Gaya, and खरिदानी kharidgi (literally, acquiring by purchase) in Shahabad. In North-East Tirhut he is दान द्याराजित hāl upārjit (newly created). These names are interesting as showing what cultivators themselves consider to constitute a non-occupancy tenant.
- 1216. In Shahabad, especially along the south bank of the Ganges, there is a class of tenants called yenergy gudashtādār or yenergy gudashtādār. They are generally Rajpūts and Brāhmans whose ancestors conquered the country, and who, while serving under the landlords, for whom they were always ready to fight, were considered entitled to a privileged position. A yenergy gudashta or yenergy gudasta tenure is held at a rent fixed for ever,* and is alienable without the consent of the landlord. It is, in fact, a freehold subject to a rent charge. The holders seldom sublet, and are a body of peasant proprietors, very prosperous as compared with other tenants, and furnishing thousands of recruits to the army. Another similar tenure is known as are gora. In this the rent is fixed for ever in a holding with specified boundaries, without reference to the quantity of land. The rent is not variable even if the land be found to be more or less than the quantity roughly estimated at the original settlement. It is alienable without consent of the landlord.
- 1217. In some estates there is a kind of head tenant, who acts as an intermediary between the proprietor and the cultivator. He collects the rents and receives in return some petty privileges and immunities. He is known generally as area mahton, and in

^{*} This point of fixed rents is denied by some landlords.

Patna and Gaya as मरन्तीपादा mahtoara. In Saran he is also known as दिपन्दार tipdar, in North-East Tirhut as सोखदम mokadam, and in South Bhagalpur मॅंडर mañrar. Generally, however, the head tenant is called कंटन्रैयत jethraiyat, and he usually performs the The high-caste cultivators are known as whether above duties. asrāph, local names being सरन्ता surpha in Patna, सरन्तान surphan in Gaya, and बढ़ चदन्ती bar admi north of the Ganges. In South Bhagalpur, the quarter of the village where such live is called 442161 babutola. The remission of rent for such high-class tenants is with maphi generally north of the Ganges, also इटन्ती chhuti or कमन्सरे kamsare in East Tirhut. In South-West Shahabad and Gaya and South Munger it is रेकाएन react, in the rest of Shahabad मरीकती marauati, in Patna कमी kami, दनाम inam, or द्लाम ilam, and in South Bhagalpur माफ maph. The low-easte tenants are known as राइ जाति rār jāti, नीच nāch, or बोड सोग chhot log. They are also known as रजीस rajil in South-West Shahabad, कभीना kamina in the rest of that district, राड़ भोड़ rar bhor in South Bhagalpur, सोलन्तन solkanh in Tirhut, and रेयान raiyan in Gaya. A proverb about them is-

काण्य किंकु बेर्ल देलें, दरहमन खियोलें। धानपान पनियोलें, खोराड धाति स्रतियोलें॥

Kāeth kichhu leleñ deleñ, Barahman khiyauleñ. Dhân pan paniyauleñ, au râr jati latiyauleñ.

—A Kāyasth does what you want on payment, a Brāhman on being fed, paddy and betel on being watered, but a low-caste man on being kicked.

1218. Cultivators may also be divided into resident and non-resident. The resident cultivator is success chhaparband, also feel dihi in North-East Tirhut, feel dehi in Patna and Gaya, and side bāri bast in the south-east. A non-resident cultivator is used as pāhi kāst or used pāhi (foreign), a word frequently confounded with use pāhi kāst or used pāhi (foreign), a word frequently confounded with use pāh has almost fallen out of use now, but it is still understood, and has led to much confusion in laws and treatises on the rent-law, rendering it possible that the rights and liabilities of the under-tenant have been transferred to the non-resident cultivator. In South Bhagalpur the non-resident cultivator is known as used pāhi cultivator in that he keeps up two establishments and cultivates in two different villages, while the used pāhi cultivator does so only in one.

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1219. Below the ordinary cultivator there is sometimes an under-tenant, who is known as चिक्रकी sikmi or कुरन्योकी kurthauli, also as चेडावाका petāwāla in the north-west and कोक्सिनी चराकी kurthauli asāmi in East Tirhut. It is said that to the south-east in the case of a कुरन्योकी kurthauli tenure the rent of the under-tenant is fixed at a money rate, but is paid in grain at the market rate of the grain at the time of payment. Elsewhere the rent of under-tenures is generally paid in kind.

CHAPTER VI.—RENTS.

- 1220. Rent is जगन lagān. North of the Ganges and in South-East Bihār it is also पोता pota, with an optional variant पोन pot in South-East Tirhut; another name current north of the Ganges is मजन्युजारी malgujāri. Rent rates are दर dar, घर sare, or घर sarah; also दरम्बरी darbandi or घरफावरी sarahbandi. चुकीचा chukaua north of the Ganges is rent payable at a fixed rate.
- 1221. Rent paid in cash is known as मान māl, and that paid in kind as एन ain. When rents are paid in cash, the tenure is known as नगर्दी nagdi, and also in East Tirhut as खाप khāp. When paid in kind, it is known as मनन्त्रप mankhap or भावन्त्री bhāoli. In मनन्त्रप mankhap or मनन्त्रीका manthāka, इन्हा hunda or मनन्त्रप manhunda, the rent is a fixed quantity of grain paid as rent, irrespective of the proportion it bears to the whole crop. This custom is current principally in Tirhut and Champāran. In Patna it is called मनी बन्दोबन mani bandobast, and a variety in which a certain number of maunds of cleaned rice per bigha is taken as rent is known as चौराचा chaurāha. These tenures are principally adopted by landlords when letting their जिरान jirāt or home-farm lands. In भावन्त्री bhāoli a certain fixed proportion of the whole crop is taken by the landlord. This division is called बटाइ batāi, &c., and a full description will be found in §§ 902 and ff.
- 1222. A tenure which has been noted in Patna is the variate hastbūdī, derived from the Persian hast, 'is,' and būd, 'was,' and which means literally 'the-is-and-the-was tenure.' In this the rate of rent is fixed at so much per bigha, but rent is only charged for so much area as is actually bearing crops at the time of harvest. Thus, suppose a piece of land measuring one bigha is cultivated, but for some reason

(such as inundation, destruction by insects, &c.) the area of land actually under crops when ready for harvest is found to be 16 kathas, then the rent of four kathas is remitted and the rent for 16 kathas only is demanded. It thus closely resembles the utbandi tenure of Bengal. Compare § 1229.

- 1223. The Tites hal hasili tenures also exist in Patna and Gaya. In these the cash rent is determined on the spot after inspection of the existing crops on the land. A very similar tenure is known as agraes balkat. In this the landlord's men, accompanied by the tenant, inspect the crops when ready for harvest, and fix a cash rent by estimating roughly the quantity of produce and its value.
- 1224. A peculiar tenure, which is principally adopted in lands which are generally subject to inundation, is known as sized jaidādi. It is also adopted where the land is extremely bad and the prospect of a crop is uncertain. The principle is that the full rent agreed upon is paid on the land in any year in which any crops whatever (however small) is grown upon it. In any year in which no crop is produced upon it, no rent is paid.
- 1225. The tenures* and rent system in the district of Gaya are worth noting. Four-fifths of the cultivated lands are let on the भावण्यो bhāoli system, as has been described in sections 902 and following. In the lands held on the नगन्दी nagdi system the rent conditions are somewhat peculiar. The nagdi tenure is of two descriptions,—चिकानी sikmi or चिकानी shikmi, and चिकान chikath or चका chakath.
- Sen Singh as that under which the landlord has not any power of enhancement, irrespective of the period for which the tenant might have been in possession. The money-rent is not fixed upon the land, but upon the crops actually grown, varying with the nature of the soil and the class of tenants, whether, high caste (एउपान surphān) or low caste (एउपान raiyān), the former having a lower rate to pay than the latter. The lands generally under this tenure are the रिक्रॉम dihāns lands, or the best land lying on the borders of the inhabited portion of the village (see § 784), and the crop grown thereon pays a higher money rent than the same crops grown on fields

^{*} Concerning the tenures in Gaya, I have to acknowledge my indebtedness to an admirable note prepared by Bābu Bhūp Sen Singh, Government Pleader of that district.

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more distant from the village site. The same shikmi field also pays a rent varying with the crop. Thus if a Brāhman tenant planted it with onium poppy in one year and with an ordinary spring crop next year, he would pay a higher rate of rent the first year than the second; while a low-caste tenant would have to pay for both of them a higher rent than the Brahman. Every tenant in a village has a fixed quantity of shikmi land partly at the higher and partly at the lower crop rate. If the tenant grows opium poppy upon a bhāoli and not a shikmi field. he pays for one harvest bhāoli rent, and is liable also to pay nagdi rent for the poppy at the rate fixed in the village for the particular class of tenants to which he belongs for poppy grown under such circumstances. According, however, to other authorities the rate of rent of these shikmi tenures is unalterable, but an extra rate or cess of so much per bigha is put on when special crops, such as opium or sugar-cane, are grown, and is taken off again when these special crops cease to be grown. Compare § 1231.

- 1227. The चिकड chikath or चकड chakath tenure is, according to Bābu Bhūp Sen Singh, a temporary settlement of waste or uncultivated but culturable lands for limited terms of years, at nominal rents, for the purpose of reclaiming them or bringing them under cultivation. This tenure is governed by the terms of the contract between the parties. If one term be not sufficient to render the lands fit for proper cultivation, the settlement is renewed from time to time till they become capable of yielding full crops. They are then settled as bhāoli or shikmi lands, according to their quality. In chikath lands no right of occupancy accrues by custom, and the rent is capable of enhancement on the expiry of the term of the settlement.
- 1228. According to Bābu Bhūp Sen Singh when a summer or sīgur jethua erop is grown on bhāoli land, an additional rate of 20 annas per bigha is charged as rent, the local higha equalling 24 Bengal highas.
- 1229. In South-West Shahabad, when in rice lands, the tenant pays only for the land under rice, and not for any land which may be fallow, the phrase उद्धानी परानी uthli parts is used. Compare § 1222.
- 1230. A remission of rent on account of deficient produce is नाफ māph north of the Ganges, and also कुटन्ती chhutti in East Tirhut. South of the Ganges it is नाबूद nābūd, or, when made on account of inundation, गरम्की yarki.

- 1231. Special crops, such as tobacco or poppy, on which special money rents are always assessed, are known as अवन्दी jabdi or अपन्ती japti. Cf. § 1226.
- 1232. Of the spontaneous produce of a village, पमन्कर bankar is the produce from forest land, wood, gums, &c. In Shahabad it is also called पन विचाली ban chhioli. जलकर jalkar is the produce derived from lakes, streams, &c.; and जलकर phalkar is the produce of fruit. चिकार माडी sikār māhi to the west is fishing rights.
- 1233. Fields situated in one village and included in the area of, and belonging to the proprietors of another village, are called দাবত্ৰ motalke, or (in Nort-bEast Tirhut) নাম্মান tāluka.



DIVISION X.

THE NATIVE HOUSE.

CHAPTER I.—THE NATIVE HOUSE.

1234. A house is सकाम makan or घर ghar. Local variants of the latter are निरुद्धी girhī in Gaya and Sāran, घीर ghaur in South-East Tirbut, घरा ghara in South Munger, and दिश्ली grihi, घरत ghara, or घरो gharo in South Bhagalpur. A name ourrent in Shahabad is quit bakhri. An enclosure containing several houses is north of the Ganges इवेसी hauch or प्रवेकी habeli, and south of it पाना hata. South of the Ganges and in Saran चवेली haweli or चवेली habeli generally means the female apartments. A palace is sites dhaurahur or sees dharhar, as in the proverb स्ता खड तर, सपन्नार धरन्हर sati khar tur sapnai dharhar.he sleeps on grass and dreams of palaces. A hut is mitues ihompra or भौषानी jhompri, क्षौप khomp, खौँपाना khompra, खौँपानी khompri, or पनानी palāni. कूटी kūti or कुटी kutti is the hut of a religious mendicant (फ्कोर phakir). Other names used north of the Ganges are मड math generally, and मिंडया mathiya to the west, अखान asthal to the north-east, and जगन jagah or चल-रहा akhraha to the south-east. मरे marai, मंडर्र mañrai, or मर्द marai, is a grass hut, and माँडो manro, &c., (see section 1307) is the hut in which a marriage ceremony is conducted. A little hovel or hut is north of the Ganges गोरिया goniya. South of the Ganges it is in Patna and Gaya महता maruka or कहा kurha, in Shahabad टाटी tati or बरन्दीचर burhaughar, and in South Bhagalpur डाको dhāko or मोरन्का morka. सिङ्क्को sirki is a hut or tent made of reeds, as in the proverb चिरन्की प्रक देखिन तानि, ताचि मैर मँ चाएस पानि, सिरन्की उठावैक रहल ना वेरा, चागू नाय न पाकू पगन्हा sirkiek delanhi tāni, tāhi ber mañ āel pāni, sirki uthābaik rahal na bera, āgu nāth na pāchhu pagha,—he pitched his hovel and it began to rain, nor could he get an opportunity for striking it; he was (like an ass) without nose-ring or tether. A ruined house or enclosure is डीइ dih or खँड-इर khañrhar. A hut in the forest is north of the Ganges un pājha,

and south of it चश्चर घर chanchar ghar in Gaya, चाँचन्यासा घर chānch-wāla ghar in South Bhagalpur, टटन्सर tatghar in South Munger, and सहन्दी marhhi in South Bhagalpur.

- 1235. Straw huts used by the poor are ट्रोघर tataughar north of the Ganges, and काडी पोस kāhi pos south of it. In Shahabad they are also called दोचन्दा dochra, and in South Bhagalpur खरो घर kharo ghar. They are also very generally known as पस के घर phūš ke ghar over the whole Bihār tract. A masonry house is पका pakka or पोखन्ता pokhta. When built of stone it is called in Shahabad चाँदन्ती chāndni. When built partly of bricks and partly of mud, it is कचा पका kachcha pakka or कचा पका kancha pakka. In Shahabad it is, however, कचा kancha or काँचा kāncha. A house built entirely of mud is कचा kachcha; it is also to the west खास khānn and to the east सीत घर bhūt ghar.
- 1236. When a house has three openings, it is निनन्दरा tindara or स्ट्रा sedra; with twelve openings, it is बरन्दरी bardari or बरसन्दरी barahdari. But these terms are not much used except south of the Ganges, from and including Patna westwards. A house provided with lattices is जासन्दार jāldār or जासीदार jāldār. A house with nine apartments is in Patna and Shahabad नौरतन nauratan. Rooms in a native house are generally nine cubits long by five cubits wide. Such rooms are called नौपद्यम naupancham. बाधा bāsa or देश dera is a dwelling or lodging-house, and विस्तन्त्रम khilwal a house used as a private chapel by Musalmāns.

CHAPTER II.—PARTS OF A HOUSE.

- 1237. The courtyard.—This is चाँगन āngan, जाँगने angnai, or (principally in Patna and Gaya) जाँगना angna; also in South Munger प्रेंगन्ना engna. In South-East Tirhut it is also called डेरा dera. The space in front of a house is चगुचार aguār or चगुचारा aguāra; also चग्नाच aguās in Shalabad, चग्नी agutti in Patna and Sāran, and चगुचानी aguāni in Patna and the south-east. The space behind it is पिकुचार pichhuār or (generally in the oblique cases) पिकुचारा pichhuāra, or to the west पकुचार pachhuār or (generally in the oblique cases) पकुचारा pachhuāra. It is also पिकृत pichhūt to the west, पिकृती pichhutti in Patna and Sāran, and पिकृत्वानी pichhuāni in Patna and the south-east.
- 1238. The vestibule or outer entrance room.—This is दुवार duār or दोबार doār generally. It is also दूरा dūra north of the Ganges,

and दुवारी duhāri or दुवारिया duariya in Patna and Gaya. Another name current in Patna and the east is देवरी dehri.

- 1239. The inner entrance room.—This is the room in which the men of the family sit and meet outsiders. It is called द्यान dulān. It is also named दोगाइ doyāh in South-West Shahabad and दरोखा darokha north of the Ganges. In Patna दोगाइ doyāh means a cattleshed. In North-West Bihar दुमुँदाँ dumuūhān is a somewhat similar room, but opening both to the outer world and to the inner apartments. A sitting-room generally is चैडन्का baithka.
- 1240. The upper story.—This is कोटा kolha, or in the south-west परञ्जा patahuāñ.
- 1241. The under-ground story.—This is तखाना takhāna or तहः-खाना tahkhāna. Other optional names are भुँजवन्दा bhunjabra or तरहन्दा tarahra in Patna, Gaya, and the south-east.
- 1242. The veranda. This is जोगारा osāra or जोगरा osra, with variants जोगरी osāri in South-West Shahabad, जगरा usra in Gaya, and जोगरी osro in South Bhagalpur. It is also called ग्रामन sāëbān, and in Shahabad दावा dhāba.
- 1243. The sitting-platform.—This is ভীননা chautra generally. Other optional names are ভ্ৰননা chabutra and পিজা pinda in Patna and the south-east, and ভাষা ota in Patna, Gaya, and Saran.
- 1244. The roof.—The roof or ceiling is इत chhat. It is also इत chhāt south of the Ganges, इता chhatta in Gaya, and इता chhāta in South Bhagalpur. A thatched roof is इजिन chhāuni, होनी chauni, होनी chauni, होनी chhānhi, कान्ही chhānhi, or दिन्द्या chhanhiya in North-West and South Bihār. It is also generally इपार chhappar, with an optional variant इपारी chhāpri in the south-west. Another name current in Tirhut is चार chār. If it is a simple thatch without tiles, it is specially called दार thāt. A thatcher is घरामी gharāmi or होनिहार chhaunihār north of the Ganges, and his work is इजिनो chhāuni. In Patua and Gaya he is दिवहार sutihār, and to the south-east मुर इरिया ghar chhariya.
- 1245. When a thatch is only a "lean-to" on one wall, it is known as प्रकारिक्या ekpaliya to the west. In Tirhut it is प्रकारिश ekchāri, and to the south-west प्रकारिश ekchāra. In Patna, Gaya, and (optionally) the south-west it is प्रकारिश ekchhapra. If it rests on both walls with a ridge pole in the middle, it is रोपिक्या dopaliya to the west and रोचारा dochāra in Champāran and to the east. In Patna

it is प्रचानी palani, and in Gaya and (optionally) South Munger दोषपारा dochhapra. In Shahabad another name current is दोषारा dochra. A roof composed of four triangular thatches meeting in a point at the top is called चीपार chaupār. When there are more than one thatch in a roof, each thatch is called परन्ता pharka or प्रचा palla. Also in the case of two thatches the front one is called north of the Ganges चार के डाट agūt ke thāt, and the rear one प्रकान के डाट pachhūt ke thāt. The thatching along the ridge is को चानी kochāni, or in Gaya दोगा doga. A small thatch put on the top of a wall to save it from rain is परन्थी parchhatti or उपरन्थी uparchhatti north of the Ganges, and south of it परन्थी parchhatti (with a soft t). Other local names are चीनी chhauni (North-East Tirhut), ज्यारी chhapri (Tirhut generally), and प्राथमी panchhatti in Patna.

- 1246. To rethatch a roof is wind otal or नोटट करन nauthat karab. The yearly repairs to a tiled roof are फरेंटी pheraunti in the south-west, and elsewhere खपन्या फरन khapra pherab. The grass put on a roof to make it water-tight is फटन्कन phatkan in Sāran, कानन chhāban in Champāran, and कोनो chhauni or नरेरा tarera in Patna, Gaya, and the south-west. In Tirhut it is करन chhāran, and in the south-east कारन chhāran. Mud used for the same purpose is निकास yilāwa. The repairs to a tiled roof which leaks are मुखना मार्च chūana mārah in South-West Shahabad, दोर्या toiya in the rest of that district, टिपन्कारी tipkāri in Gaya, and दपन्का मार्च tapka mārah in Patna.
- 1247. The fireplace.—This is चुन्हा chulha generally, local variants being चल्ह chulh in Shahabad, चल्ही chulhi in South-East Tirhut, and चुन्हों chhūlho in South Bhagalpur. In East Tirhut चुन्ह chūlh is a fireplace with two orifices, and after kaulha one with one. In South-West Tirbut this last is called values ekaulha. The mouth of the fireplace is called #\ munh, or sometimes \ \ \ \ \ duar \ south of the Ganges. In North-East Tirhut चिनन्सार chinmar is the raised earth platform on which the fireplace is made, and on which food is cooked, while star chanka is the similar platform smoothed for a Hindu to eat from. what thauna to the west is a raised platform on either side of the fireplace for receiving pots for straining off rice-water. When the ground is simply smoothed for eating from, it is called set thahar, or in East Tirhut ata thanw. WITT or WIET ara is a cupboard in the wall at a man's height from the ground, in which cooking-pots are placed at night. बोरन्सी borsi is the moveable fireplace used by jewellers and by villagers (especially females) to warm themselves in winter. In North-

East Tirbut it is बोरस boras. यूर ghūr is a hole dug in the ground filled with straw and sweepings and lighted in the evening as a fire to warm oneself at. It is also called कोर or कोड़ knur in the west.* The iron or earthen moveable fireplace is चाँगेडी angaithi. A similar one used by jewellers is चाँगेडा angaitha. An earthen pot for holding fire is in Gaya महत्त्पर matpar, and in Shahabad मेंट्र mentahar or पौड़ा paura.

- 1248. The holes on the top of the fireplace, on which the pots are placed, are called चाँकी ānchhi or चाँक्या anchhiya; also in South-West Shahabad ऐका aila. They are also called चुक्किया chalhiya in East Tirhut. When there are places for four pots, it is known as a चर्किया चुक्का charanchhia chūlha, or in South-West Shahabad as a चर्का चुक्का charaila chulha. The partitions between the holes are पूना pūtu, पुना putta, or पुनो putti. Also पुनो pusti in South-East Tirhut, and पुनिया putiya in South Munger. The cooking-house is amongst Musalmāns बचरची खाना babarchi khāna; amongst Hindus it is रचोद्या चर rasoiya ghar; also अनस्पा चर bhānsa ghar in l'atua and the east. In East Tirhut it is भानम घर bhānas ghar. The portion of the cooking-room set apart by a partition for cooking purposes only is called चुक्कानी chulhāni or चुजानी chuhāni. The other portion is known as माना घर mānjh ghar in Sāran and South-West Tirhut, as माँच घर mānh ghar in Shahabad, and as को की khonhi in North-East Tirhut.
- 1249. The door.—A doorway is दुखार duār, दोखार doār, दुखारी duāri, दरवाला darwāja, दरवाला darwāja or (in Patna, Gaya, and the south-east) दरीला darauja. A door is कॅवाड़ी keñwāri, or in East Tirhut केवाड़ kewār, कॅवाड़ी keñwāñri, कॅवांड़ keñwāñr. The main doorway is पर्र राज्या sadar darwāja; also निकम्पार niksār to the west, and निकास nikās in East Tirhut. In South-East Bihār it is प्रमुख दरीला samukh daroja. A gate is फाटक phātak. A side door or window with lattices is खिरकी khirki; also दरेंची darainchi in Patna and Gaya. भवाँरी bhawānri to the west and in West Tirhut, भँगन्स bhambhra in East Tirhut, and to the west दरींची darinchi, is a hole pierced in a wall to give light and air. In South Munger it is भगन्स bhamra, and in South Bhagalpur भौरा bhoñra. In Patna and Gaya it is नावन्दान tābdān. युका mukka or नाका monka, and in Champaran चेवारी andhāri, is an earthen pot fixed in the wall for holding pice, &c. The leaves of the door are

^{*} Compare the proverb घर जरेन्दि, घूर बुताब ghar jarainhi ghūr butāw,—when his house is on fire he puts out the ghūr, i.c. in many difficulties he grapples with the least.

पद्मा palla, or in Shahabad पाला pāla, and the strip of wood nailed on one leaf to cover the chink is बेनी beni or बेनियाँ beniyān. In South Bhagalpur this latter is बेना bena. The cross-pieces across the leaf of the door to hold the boards composing it together are बाता bāta or बना batta. There are generally four of them.

1250. The door-frame is चौकड chaukath. The top bar or lintel of this is उपन्दीटा uprauta or (in Tirhut) कात chhāt. The bottom bar or threshold is सतन्मरा latmara, सतन्मरन्या latmarua, or सतन्योरा lutkhora. Sometimes a second outer door-frame is added for the sake of ornament. This is called ure sah or euled dasaurhi, and such a double doorframe is said to be दोहरा dohra or साहन्याला sahwala or दसीही चौकठ dasaurhi chaukath. In contradistinction from this, the single doorway is चादा sāda or प्रकडारा ckahra. The pivot used as a hinge is चूर chūr or (in Patna पुत्र chūl). In South-West Shahabad it is पूर chūrh. A similar kind of hinge is in Gaya भनाकीट jhankaut. The wooden bar used for fastening the door is fault killi, and also (to the extreme west) चागर तंपुरा, चागल तंपुरा, or चगरी agri. In South-West Shahabad it is seet danda. A short bar fastened by a pin to, and revolving on, one leaf of the door, and falling on a nail fixed on the other leaf, is fबस्ती billi or बिस्तेया bilaiya. The nail is called मकरी makri. A European door-bolt is व्हिटन्कनी chhilkani or व्हिटनिकनी chhitkini. The heavy door-bar sliding back into a recess in the wall is बेंड् benr or बेंड्रा benra. South of the Ganges the दें की dhenki, or in Shahabad देंका dhenka, and in the south-west of that district देकरी thekuri, is a perpendicular bar sliding down from a recess in the top of the door frame. The state of the south Munger is a kind of bolt. The door-lock is ताला tāla, and the key कुझी kunji, चाभी chābhi, or कोरीना chhorauna. The bolt of the lock is डरन्का hurka or (in Shahabad) भार jhar. In South Bhagalpur अरन्का hurka also means a piece of wood fastening the two door planks behind. When a screen or hurdle, which is zīzī tāti or zī tatti or (to the west) zz thatar, is used for a door, the spar that supports it inside is as benr or as benra. In Tirhut it is also बेराठी berāthi, बराठी barāthi, or (to the east) बेनाठी benāthi. In South-East Bihar it is बहाडी beurathi or पहन्तह arkhar, and in South-West Shahabad वें बन्दा beñwra. The straw buffers tied along the two door-posts, against which the edges of the hurdle rest, are with mokh or मोखा mokha.

1251. The wall.—A wall is दिवार diwār or भीत bhit. Sometimes the Hindi forms दीवास diwāl or देवास dewāl are used. The foundations

are नेव neo, and also in Patna and the south-east दावा dāwa. The straw mixed with earth for building a mud wall is uter pāchar, or in Sāran चालन ālan. The lumps of damp mud used in building a wall are सोंदा londa or घोँ घा dhondha in Patna, Gaya, and to the west. To the east they are गाँदी youdi; also चेपो chepi in Champāran, चन्नो chakki in East Tirhut, and जोंदी londi in South-East Tirhut. In South Tirhut another name is स्रोदया longa, and in West Tirhut चेकी cheki. The stages in which it is built are ter radda or tret rada, and also optionally ute pinr in Saran. In Saran tet radda is the piece of the stage which, being the width of the wall, is finished before commencing the next piece. The top of a wall is what bhila north of the Ganges, and what bhit south of it; also मॉच manth in South-West Tirhut, and मधानी mathni in East Tirhut. The plank over the top of a doorway on which the wall is built is भराँड bharanth, भरेड bhareth, भरेड bharaith, or भरान्ड bharnath. In Gava it is भरन्ता bharna, and in Patna पटन्देश्च patdehal, of which a local variant in Sāran is परन्देश्य patdehar. To the east it is also भागानार jhankat. If this plank is not equal in width to the wall, two or more are laid side by side. Then the plank in which the top pivot of the leaf of the door moves is गरन्दानक gurdānak, or in Champāran अपर्री दा upraunta, and the others are called भरेड bhareth, &c. An arched recess in the wall over this plank, and serving as a cupboard, is affu duraundh or दरींभा duraundha, or in East Tirhut कात chhāt. The gableend wall of a house is पाखा pākha, or in Shahabad पाछ pākh. In North-East Tirbut, however, it is चनःमार chanmar, and in Gaya and South-East Bihar wart kaneta.

1252. The eaves.—These are बोलानी olti generally, also बोरी ori to the north and west. Another name current in the west is बोरियानी origāni. In Gaya and the south-east they are बान्से agri, and there and in the south-east बोहारी ohāri. The edge of the eave, which is finished off with a board or with a kind of long straw or reed wisp, is known as बोह्बन mohabbat; also as बचेह्ब pasannrar in North-West Tirhut, पंचारी क्र pansrauār in Champāran, and पनिवागर paniāgar in North-East Tirhut. The last three words are also used to mean the long bamboo which supports the eave along its lower edge. The pieces of wood let into the wall to support this are देवचा terna generally, and नद्ध tarak in North-East Tirhut. In Shahabad they are also called बच्चा marna. The slope of the roof is नारन tāran to the west and गर garah to the east; also गरहार garahgar in North-East Tirhut and नारा tarangar in Champāran. The raised ground under the eaves is in Gaya बच्ची asthi.

- 1253. The cupboard.—This is नाजा tākha or नाम tākh. A wall-bracket for lamps is दिश्वास diarakh or द्यार्था diarkha; also देखर dekhar or देखरा dekhra in South-West Shahabad, भोराणा dhorkha in Patna and Gaya, and भाराणा dharkha in Gaya and South Munger. In North-East Tirhut it is चका chakka, and in South-East Tirhut चिर्वादान chirakdán. In North-East Tirhut खरिकोना kharikauta is a hole in the wall for keeping tooth-picks. In South-West Bihār and Gaya this is भाराणी bhurki or खरकोटी kharkoti. मुका mukka, &c. (see § 1249), is an earthen pot fixed in the wall and used for holding pice, &c.
- 1254. The men's and women's quarters, &c.—The men's quarters are मरन्दाना mardāna, and also मरन्दानी mardāni. Other terms used are दक्षान dalān, दरन्या darwaja, or दरीजा darauja, दुषार duār, and (southeast) वैगन्सा banyla. The women's quarters are ष्ट्रान andarāt, जनाना किना janāna kita, or एवेसी habeli. To the east they are also called हेरा dera, and (in North-East Tirhut) अँगन्ना angna. The part between the two is हेस्ही deurhi or (south-west) देसही deurhi. This word is often used to signify a whole house, especially that of some great person, i.e., equivalent to 'palace.' The outer room is also पर परा bahar ghara or (South-East Tirhut) बन घरा ban ghara.

CHAPTER III.--MATERIALS USED IN THE CONSTRUCTION OF THE HOUSE.

- 1255. Building materials are অনন্তা amla or ঘাঁমৰ sāngah, or to the south-east ঘাঁমত sānga.
- 1256. The posts and beams.—The wooden pillars supporting the roof are बमा khambha, खभी khambha, खभी khambha, खभी khambha, खभी khambha, खभी khambha, बभी khambhiya, or खिल्ला khamhiya. Another name current to the west and in South Tirhut is बची thānhi or बची thānhi. In North-East Tirhut another name is उपन्य uchwar. In South Bhagalpur we find खन्दों khamhāñ, and in South Munger बानी khāmhi. Sometimes to support the ridge-pole a cross-beam runs across from wall to wall, and on its centre stands a pillar, on the top of which the ridge-pole rests. This pillar is also supported by two struts running obliquely from the beam and meeting it half-way up. This beam is called बचन dharan, the pillar is called बचन खातिस्ता malikthambh or (in Shahabad) also बोरी kauri, and the props are called बच्चे pankhi or in Champāran चिपन्य sipwa. When this is found too expensive, two struts run up from opposite walls, and cross

each other just under the ridge-pole, which rests on their upper angle. The struts are called भिनःभेड़ा bhitbhera, बोइ-सूबाँ ghormuhān, or केंची kainchi to the west. Other names for similar supports are पढाना hatka and गोइन्या goriya in Shahabad, कोच्छ kaual in Patna, Gaya, and South-East Tirhut, कड़रे kahui in South-West Shahabad, घोइन्यचा ghorsaha or घोड़ी ghori in Champāran and North-West Tirhut, केंच kainch in the east generally, and गेंच gainch in South Bhagalpur. The देवचा terua (or in South-East Tirhut कड़न-दर्श kalandara) is a strut running out from a wall to support the caves. पाया pāya is an earthen pillar for supporting the roof.

- 1257. The ridge-pole is बहुँ barenr or बहुँ दी barenri, also ल्या larhi in Champaran and the south-west, and जार narhi in North-West Tirhut. All the beams of the thatch cross each other over this the upper angle of the cross is filled in with grass, and the whole is tied up tightly. This filling in is called जार manyri. The sloping ridge-pole down a corner where two thatches meet is called जार tarak. A beam running horizontally the length of the thatch along the centre, each end resting on the slope of a gable, is called जार क्या kamarballa, also पाइ par in North-East Tirhut. A lean-to thatch forming the roof of a verandah is supported on a series of struts projecting from the wall, which are called देवा terua, मासा māla, मसामा malua, महामा or महामा marua, or महामा marua, which support a long beam or bamboo, called चार sardar, on which the thatch rests.
- 1258. The round rafters of a thatched house are बजा balla, also बाजा bāla in Shahabad. Thick squared rafters are known as कड़ी kari. The rafters of whole bamboos are कोरा kora or कोरो koro. The thickest of split bamboo are बाता bāta or बजा batta, and the thinnest laths of bamboo are बातो bāti and बजी batti, also in North-East Tirhut भौभन jhonjhan. निगजा niyasta is a thick rafter used in South-West Shahabad; बर्गा barga are the thinner rafters used in supporting a flat pakka roof. बजी balli are rafters smaller than a बजा balla.
- 1259. The round poles built up inside mud walls are देवा बाची lena khāmhi north of the Ganges. In Shahabad they are बोह god or गोदा gola, and so also in the south-east. In Patna they are बार lār, and in South Bhagalpur नार nār. The support of a broken wall is च्यास astham or चाँड़ी chānri north of the Ganges; also चाँड़ा chānra, च्याका uchka, or चाँड़ी chānri north of the Ganges; also चाँड़ा chānra, च्याका uchka, or चाँड़ी thānhi, in Patna and Gaya द्या thumbhi, in South Bhagalpur

बनुषा thamhua or चाँडा chânda, and to the south-east चोट-मनी othga, or चोट-मन othgan.

- 1260. मोज yol or गोजा yola are round beams, and चौकोर chanko, or चौपड chaupahal squared beams. The latter are also called चौधार chaudhār in Shahabad. A crooked beam is said to be कूपड़ kūbar in Shahabad.
- 1261. In South West Shahabad चेंद्रा cheñra, in South Bhagalpur देखा chela, and elsewhere south of the Ganges चेद्रा chaila or देखी chaili, are splinters of wood, a layer of which is placed between the rafters and the tiling, and is also used for fuel.
- 1262. The tiles.—These are and khapra generally. Flat tiles are agust ihapua, or in Champaran ugust pathua, and in South Munger सुपतिया supatiya. Another name is पटन्दी patri in South-West Shahabad. Semi-circular tiles are नरिया nariya generally, and pointed eave-tiles are effect tonti or (Shahabad) effected tontiyari south of the Ganges. In the north-west and a undha is a rough mode of tiling, when only flat tiles are used. In Gaya सँगन्दा mungra, and in Sāran संगर्दा mangra, is a large kind of tile laid along the ridge of a roof. Bits of broken tiles are मरन्यन markan to the north-west, and मिह्या jhituki, सुरुवता jhutka, or सुरुवती jhutki to the north-east. South of the Ganges they are टिकन्री thikri or किकन्टी jhikti. In Shahabad they are भिकाकी jhikri or चिकाकी sikri. Tiles are baked in a kiln, called आवा āua or (South-West Shahabad) चाँवाँ ānwān. The layer of loose grass on a tiled roof between the rolls of thatching-grass and the tiles are known south of the Ganges as नरेर tarer or नरेरा tarera, or (in South Bhagalpur) पटोतन patotan. In the north-west it is फटन्कन phatkan, and in Tirbut ste chharan.
- 1263. The bricks.—These are देश inta generally, local variants being देश int or देश ita south of the Ganges, and जेश ainta in Patna, Gaya, and South Munger. A well-known proverb is सन में जान बगल में दिशा man meñ an, bayat meñ inta,—(pretending to have) something else in one's mind, and having really a brick under one's arm (to heave at you). Among the varieties are पका pakka or पाकल pakal, which are kiln-burnt (the first word is borrowed from Hindi), and कचा kacheha (also Hindi) or काँच kānch, which are sun-dried. Another classification is into जारोकी angreji or बङ्ग्का barka, which are large table-moulded bricks. These are also called महद्दिया gadahiya in Patna and South Bhagalpur, and राजी tāli in South Munger. Common country bricks are देशारी dehāti, or in South-East Tirbut सद्वार bhuilot or प्रवर्गका

panginja. चीँदर saundar in Patna and the south-east is a yellow kind of country brick. The smallest-sized country bricks are जहारी lahauri or जहारि lahauri to the west, पजार pajāi in South-West Tirhut, जज्ञीरी lakhauri in East Tirhut, जज्ञा khajaa in South-East Tirhut, and दिकड़िया thikariya in Patna and the south-east. The bricks forming the segment of a circle, used for lining wells, are known as बक्की bakau, बक्की bankau, बक्का bakwa, or बेकका bankwa. In South-East Tirhut these are known as बाकिटा chākauta or को दिया दिशे kothiya inta. पुरुष्णि surujmukhi, or in Champāran ग्रेड्याचा genruāwa, are the bricks, narrow at one end and broad at the other, used in building the sides of wells.

- 1264. In the interior of Patna थर्क thawai is the name of the bricklayer easte. Bricks are burnt in a kiln, called पजावा pajāwa, पिजावा pijāwa, पिजावा pijāwa, पिजावा pijāwa, पिजावा pijwa, भरा bhattha, or भारी bhāthi. An overburnt brick is भाँवाँ jhāmwāñ north of the Ganges, and भामा jhāmwa south of it. Local names are भाम jhām in East Tirhut and भामो jhāmo in South Bhagalpur. Half-fired bricks are पीयर pāyar or पियरा pāyara, other local names being भुद्धिया bhasuriya or पियरा pāyara, other local names being भुद्धिया bhasuriya or पियरा प्राथम कर्मिक sewar in Shahabad, पीला pila in Gaya, अवाख awālu in Patna, and कच-कोड kachkoh in Sputh Bhagalpur. Other names are भट्टाइड bhatrang in North West Tirhut and भुमन्दद्वा bhasranga in South-East Tirhut. The outer bricks of a kiln which become half black or are partially fired are called काल के देटा chhāl ke inta, and in South Bhagalpur also कालन्टी chhālti.
- 1265. Stone.—Stone is पत्थर patther or पत्थल patthet. Slabs of stone are परिया patiya or सिक्षी silli. When large they are also called चौरा chira in Shahabad, and असार asar in Patna and Gaya. Small pieces for jambs and lintels are टोड़िया toriya in South-West Shahabad, टूटन lūlan in the rest of that district, वचारी kachri in Gaya, and डोका dhoka in Patna.
- 1266. Lime and mortar.—The calcareous nodular limestone used for lime-making and road-metal is known generally as कहा kankar, local names being चाँकड़ ānkar, रकाड़ी ikrr, or रंबाड़ी inkri (also in South-East Tirhut) to the west, महाट gangat in Patna and Gaya, and मौगट gangat to the south-east. Large blocks of it are known south of the Ganges as चहान chattān or चटान chatān, also as जरेन lain in South-West Shababad. The small pieces for road-making are जॅकाड़ी ankri or चाँकड़ ānkar in Shahabad, कॅकाड़ी kankri in Gaya, and in Patna, Gaya, and the south-east simply जोड़ा lora or रोहा rora, which last may also

apply to small lumps of bricks, &c., also used in road-making. करना chharra, or in the south-east पालिस bālis, is coarse limestone gravel.

1267. Lime is चून chūn, चूना chūna, or चुना chunna. It is of two varieties, viz. गिही gitti—that made from limestone, and कर्जी kali—that made from shells. In the south-east that made from gravel is also called कर्जी kali. The mussel shell used for making lime is घोषो sīpi north of the Ganges, and चितुचा situa or चितुचा situha south of it. A local name is चिन्न sittu in South Bhagalpur. घोँचा ghongha, ऐटा aitha, or ऐटा aintha is the voluted shell of a kind of watersnail similarly used. Lime mortar is मचाला masāla, or in Patna द्वोद daboī. Plaster is छदाल ledāl or नीपे nīpe. Moistened clay used as mortar is गिलावा gilāwa, or in South Munger गिलेवा gilewa. In Patna, Gaya, and the south-east it is also called गारा gāra. The pounded bricks used as a substitute for sand is द्वाची surkhi. When a wall is whitewashed it is said to be पोचारा वाला pochāra wāla, चुनेटल chunetal, चूनव्यक्ट chuneatlal, or चूना फरल chūna pheral.

DIVISION XI.

F00D.

CHAPTER L-MEALS.

- 1268. The general term for a meal is रसोद rasoi; also भानस bhānas in East Tirhut. The morning meal is नामन्ता nāshta. Other names are पनःपियाय panpiyāo, पनःपियाद panpiyāi, जलःपान jalpān, जलःबदे jalkhāi, and जलःखाया jalkhāwa. Other local names are जलःघराय jalgherāw (Champāran), पनःपियाद panpiyār (Gaya), and दाना dāna or दाना दूनी dāna dūni in Shahabad. पनःपियाद panpiyār is also used to mean the food eaten by the labourer in the intervals of work in the field. This in the west is also called जुक्स lukum.
- 1269. The midday meal, which is the main meal of the day, is called by the people करोबा kalena, कर्ज kalen, or (in Tirhut) कर्जी kalan, though according to dictionaries and pandits this is a light morning repast. Local names for this meal are जाय khāy in Patna, जैया khāiya in Gaya, जाइक khāik in South Munger, and करोजा kalana in South Bhagalpur.
- 1270. An evening meal is धँभी बा sanjhana in South-West Shahabad. बेचाजू beālu, or in Champaran बर-इटिया berhatiya, is light food taken just before sleeping.
- 1271. A mouthful, or the quantity of food put into the mouth at once, is कोर kor, कवर kawar, or कौर kaur. In South-West Shahabad it is also नेवाचा newāla, which, however, means in the interior of Patna the refuse food left, after cating, for servants, and which is then also called जल्म ūlus.

CHAPTER II.-KINDS OF FOOD.

1272. The following are the principal kinds of food consumed by the lower orders:—

चकरी akri, प्रकारी ekri, or प्रकारी enkri,—uncleaned rice.

- चढारी akhri or (South Munger) चकारा akhra or (South Bhagalpur) चकारो akhro, also चाँचर वॅñuat (North-West Bihār and South-East Tirhut),—barley ground without being first cleaned. Cf. बूरी gūri.
- चदौरी adauri or (Shahabad) चदःवरी advari,—little round balls made of pulse.
- चनाज anāj,—a general term for food, especially grain.
- अञ्च ann,—food generally, especially corn.
- चमायट amāwat (west), चमोट amot (North-East Tirhut),—mango conserve.
- चारकीं व arkaunch, -see रिकींच rikuunch.
- भरव्दावा ardāwa,—gram and barley mixed and parched. Used as a food for horses.
- चमाँ ही के रोटी amanthi ke roti,—see चाँही के रोटी anthi ke roti.
- भाँटा ānta or चाटा āta, पिमान pisān, कनि ह kanik or (East Tirhut) दिकस chikas, and (South Bhagalpur) चिकन्मा chikse,—flour or meal.
- भाँठी के रोटी anthi ke roti, also किमन्ती के रोटी kisli ke roti (Champaran), अमाँठी के रोटी amanthi ke roti (Gaya and South Munger), and गुमा quama (South Bhagalpur),—bread made of erushed mango-stones.
- भामिन āmil (North-East Tirhut), खटार khatāi (Sāran), and खद्दा khatta (South Bhagalpur),—dried chips of the mango fruit used as a conserve. It is of two kinds, इड़िमी darimi and खोर्या khoiya. The first is made from small immature mangos (टिक्न्स tikula or टिकोड़ा tikula), and the second from large mangos.
- चाँवट āñwat,—see चलन्स akhra.
- चौगःरा ogra,—see माँड mānr.
- चोरन्डा orha,—see डोरन्डा horha.
- दमर्गरती imriti, see जिलेमी jilebi.
- र्पेष्ट ingur or रेंग्री inguri (north),—barley from which the husk has been removed by pounding.
- चिम्रजा ujhila,—cooked mustard-seed.
- जमी ग्रेmi,—green marua (cleusine coracana) roasted as food (see § 990).

उत्तरवा दाख ulwa dal, उजावज्ञ ulawal,—see दाख dal.

प्रकारी ekri, प्रकारी enkri,—see चकारी akri.

कचन्वनिया kachwaniya (Sāran, Patna, and South Munger), मोद्व modak (Gaya and Shahabad), कपार kasār (South Munger), a round sweetmeat made of rice-flour, sugar, and clarified butter.

Shahabad),—sugar-cane juice mixed with water.

कवीदी kachauri,—cakes of flour filled with pulse, &c. The inside stuffing of pulse-flour, &c., is called **पीडी** pithi south of the Ganges.

कड्डा karhua (south),—food saved from supper for the children.

कबूखी kabūli,—see खिचन्द्री khichri.

कनिक kanik,-see चाँटा anta.

कसार kasār,—see कचन्वनिया kachwaniya.

काँची kānchi,—see दल्ला halun.

किसन्ती के रोटी kisli ke roti,—seo चाँठी के रोटी anthi ke roti.

कुन्ती kunti,—see जार lai.

काँ दारी ते konhrauri,—cakes made of ground pulse and pumpkin.

खन-जा khajla (north),—a sweetmeat made from wheat-flour.

खजूर khajūr, also (south of the Ganges) खुरन्त khurma or (South Bhagalpur) निवास jhiliya,—a sweetmeat in the form of a date.

खटाइ khatāi,—see चामिल āmil.

खँड़ौरा khanraura,— soe खुदी khuddi

कानी khabauni (south),—a sweet cake of wheat.

धाजा khāja (north),—a sweetment made from wheat-flour.

बिचन्द्री khichri,—rice boiled with pulse; also called कचूजी kabūli or भूनज विचन्द्री bhūnal khichri when spices are added. This last is called काँकी chhaunki (i.e. seasoned) in South Bhagalpur.

बिरोरा khiraura (South-West Shahabad),—cakes of rice-flour prepared in hot water. Sometimes spelt बिरवरा khirauara.

खीर khīr, also खीर khīri in North-East Tirhut and बढीर bakhīr south of the Ganges,—rice boiled in milk with sugar See also जाउर jāur and तथन्तर tasmai.

खुरी khuddi, also (South-West Shahabad) चंद्रीरा khanraura, and South Munger मेर्ड्स merkhun,—broken pulse or rice.

खरना khurma or South Munger खोरना khorma,—a sweetmeat in form of a date made of wheat-flour, sugar, and clarified butter. Cf. खज्र khajūr.

खुशन्ता khushka,—see भास bhāt.

ह्य की khuski,—see परन्यम parthan.

खोभिया khobhiya,—see खाइ lãi.

खोद्या khoïya,—see चामिल āmil.

MET gatta,—a cheap sweetmeat made of molasses. They are sold for a kauri each, and are the delight of boys of the poorer classes.

गखन्बल galbal,—see डभन्का dabhka.

गुमा gumma,—see चाँडी के रोडी anthi ke roti.

गूरी gūri (Shahabad),—barley ground after being cleaned, Cf.

गुज-गुजा gulgula, also (Shahabad) गुजीरा gulaura,—a pudding of wheat and suger.

गुजन्दाना guldāna (north-west), also द्काद्घी दाना ilāichi dāna (Sāran and South-West Tirhut), and मनुन्दी दाना makundi dāna (Patna),—a sweetmeat made of wheat.

युजाद जामुन gulāb jāmun,—a long sweetmeat made of dry curds (हेना chhena).

गुकी gulli,—see जोरया loiya.

गुजीरा gulaura,—see गुजन्युना gulgula.

गोभा gojha (north and south-west), also गोभिया gojhiya,—a kind of sweet cake. See also फरा phara.

घटन्दा ghatra, घटोदा ghatora,—see पूचा pua.

घडा ghattha,—see खपन्धी lapsi.

षटिचन ghatihan, परिचन ghathihan,—a general term for cheap grain, such as barley, pease, &c., also (Sāran) any kind of grain which when ground absorbs much water and is not easily digested

चडोरा yhatora,—see पूचा pūa.

वतुषा ghasua or वसुदं रोडी ghasuï roti, also पोइचा pochhua (Tirhut)

and with sohari (East Tirhut and Shahabad),—cakes fried in a little clarified butter or oil.

चाड ghāth, घाडा ghātha, घाडो ghātho,—see खपन्मी lapsi.

धाठि ghāthi,—see वैसन besan.

घाँटो ghāntho,—see खपन्सी lapsi.

वियोदा ghiyaura, घोवर ghiwar, घुगुरी ghuguri,—see घेवर ghewar.

चुमन्त्री ghughni (north and south-east),—a mess made of pulse, clarified butter, &c.

घेवर ghewar (north), घुगुरी ghuguri (South-West Shahabad), चियोड़ा ghiyaura (Patna and Shahabad), घोवर ghiwar (Gaya and south-east),—a sweetmeat made of wheat-flour.

घोर ghor, घोल ghol,—see महा mattha.

घोरन्काखर ghorjāur, घोरन्जारी ghorjāri,—see मठन्जाखर mathjāur.

इका chakka,—see वजन्का bajka.

चटनी chatni,-"chutnee."

चनेना chabena, चनेनी chabeni, चरन्वन charban, or भूँजा bhūnja, also सजन्न bhujna (Shahabad) and सूदी mūrhi (South Bhagalpur), भूजा bhūja (North-East Tirhut),—parched grain.

चिक्स chikas, चिक्रमा chiksa,—see चाँटा anta.

विकास chikkas (north),—roasted barley ground up with unroasted barley.

विश्वरी chiuri (north-west), भौरी chauri (South Tirhut), प्रकी pharuhi (East Tirhut and Shahabad), प्रकी pharhi (Patna and Gaya),—unripe barley parched; but in South Bhagalyur, प्रकी pharuhi is parched rice.

चुती chunni,—see चून chun.

Tell chara,—unhusked rice, parched, then moistened and pounded flat.

पुन chun (north-west), नुष्की chunni (Patna, Gaya, and South Munger), and र र raī (Shahabad),—rice partially boiled, then pounded and roasted.

चोखा chokha or भरन्ता bharta, also (East Tirhut) चना sana,—a mess of pounded roasted vegetables.

ৰীষা chontha (Sāran), —a dish of pulse.

- चौरो chauri,—see चिचरो chiuri.
- चौरेटा chauretha, चौरड chaurath,—rice soaked in water and then dried and pounded.
- क्रमन्का chhanka, क्रेंबन्कन chhewkan, क्रेंबन्ना chhewankna, क्रेंबन chhaunkal, क्रेंबन chhaunka,— soe बचार baghar.
- हेना बाङ्गा chhena bāra,—round flat sweetmeats made of dry curds (हेना chhena); a Bangāli dainty adopted in Bihār.
- बींकी chhaunki,—see खिचन्द्री khichri.
- —ashes of burnt ears and stalks of barley, used as a cure for indigestion.
- जाउर jāür,—rice boiled in milk with salt. When boiled with sugar it is स्तीर khīr, q.v.
- जावर jābar, -a mess of rice, vegetables, clarified butter, &c.
- जिले ने jilebi,—a tubular sweetmeat in a coiled shape, made of fine wheat-flour, sugar, &c. A variety of it is known as इसर्गती imriti or इसिर्नी imirti.
- भारता jhānjha (Scuth-West Shahabad),—a mixture of coarse sugar, hemp, clarified butter, &c.

भिनिया jhiliya,—see खजूर khajur.

form jhilli,—see erei latta.

भोर jhor,— see परेड pareh.

हका tūka (north) or (East Tirhut) हकरी tukri,—the fourth part of a round cake.

হৈৰানী tikri,—a sweetmeat made of flour, fried in clarified butter or oil, and covered with sugar; also (Gaya) a small loaf or roll. In South Bhagalpur it is a round sweetmeat in the form of a cake, and made of flour, butter, and sugar. Another name for this last is হিৰিষা tikiya.

उकुषा thakua,—see उकुषा thekua.

हरनी thurri, - see द्री thuri.

द्वी thuri, or (Tirhut, Gaya, and South Munger) हुन्ती thurri, (South-West Shahabad) डोरी thori, (Patna) मुन्ती murri, and (South Bhagalpur) मूदी murhi,—grain which has not burst while being parched.

- हेनुपा thekua, हनुपा thakua, a kind of cake pressed in a mould called पार्वीटा agarauta.
- होरी thori,—see हूरी thūri.
- हमस्का dabhka (north-west), मक्का galbal (South Tirhut), हमन्त्रस् dabhkal,—parched unripe grain, or ripe grain soaked in water and parched.
- हुष्का duppha,—see सड़ब्र mahuar.
- नवर takkar, a preparation of butter-milk with spices, &c. It is said to be very cooling.
- nter taral (North-East Tirhut),—a kind of dish consisting of vegetables cooked in clarified butter or oil. It is peculiarly a rich man's food, and is supposed to be fattening, hence the proverb तरह खाय, पुरु गरत जाय taral khāy, punu garal jāy,—he is a rich man, and yet he is lean.
- त्रसम्बद्ध tasmai,—rice boiled in milk with sugar, usually eaten by mendicants. It differs from खीर khir in that the latter may or may not have water added.
- भाज जानी tāj khāni,—see ताच खानी tās khāni.
- नाम जानी tās khāni (north), also (South-East Tirhut) नाम खानी tāj khāni,—a round sweetmeat made of rice-flour, sugar, and clarified butter.
- तिजन्कतन्दी tilkatri,—see जार läi.
- निसंक्ट ti/kut,—a sweetment made of sesamum and molasses, much eaten by boys in Patna.
- निजीरी tilauri,—small balls of urid or mung mixed with sesamum seed, dried in the sun, and then fried in clarified butter.
- तिसन्जौरी tisjauri (South Tirhut) or तिसियाचर tisiyaür,—linseed and rice cooked together.
- दंडिमी darimi,—see चामिल āmil.
- इन-जाउर danjāür (Sāran and South-West Tirhut),—poppy-seeds (इ। dāna) and rice cooked together.
- दमौरी danauri,—the same as निकौरी tilauri, poppy seeds being used instead of sesamum.
- south of the Ganges is pounded maize boiled with water and sugar.

दक-पिड़ी dalpitthi, दक-पिडीरी dalpithauri,— see दाक पीठी dal pithi.

द्वान्यमा dulsagga or (South-West Shahabad) चगन्पिका sagpahita,— pulse boiled with vegetables.

दकः दो पूरी dalhi puri,—see चरन्ही berhi.

दास dāl,—split pease or pulse. When these are parched they are called उज्ञावाज दाज ulāwal dāl or उज्ञावाज ulwa dāl.

सास पीडी dāl pīthi, इस-विद्वी dalpitthi, or (Shahabad) इस-पिडोरी dalpithauri,—(1) balls of wheat or barley-flour stuffed with pulse inside and boiled in water; (2) balls of wheat or barley-flour cooked along with pulse. पीडा pītha means balls of meal boiled in water.

धेंचाँर dhuñāñr,—see फोरन phoran.

भोचल दाल dhoal dal, भोचाँच dhoanch,-see भोद dhoa.

খাই dhoi (north and Shahabad), also ঘাৰাৰ dhoānch (South-West Shahabad), elsewhere ঘাৰল বাল dhoal dāl,—soaked pulse.

भौग dhong (Shahabad),—a thick cake.

पकन्मान pakmān or पकन्यान pakwān,—sweetmeats.

पनौरा pataura,—the tops of the plant called गुमा gumma (pharnaceum mollugo) roasted in a castor-oil leaf.

पतुषाँ panuān,—see कचन्रस kachras.

पपन्रा papra,—see पापर papar.

परिका parakiya,—see समोसा samosa.

परायम parthan, also Gaya पर्वेथन palethan, and इसन्ती khuski,—the dry flour rubbed on the dough as it is being made into cakes.

परमस parmal (Shahabad),—parched maize or grain. See also डोर्डा horha.

पराठा parātha,—see फराठा pharātha.

vegetables, &c., eaten with dry food.

पत्रेथन palethan,—see परन्थन parthan.

पान pāg or (south-east) राम rān or (South Bhagalpur) चिरा sira,—syrup made by melting sugar in water and boiling it down.

पाचक pāchak,—see जवाखार jawākhār.

पापर papar or पपन्रा papra,—a crisp cake of pulse flour.

fuelt pithar (North-East Tirliut),—rice pounded in water.

पिद्वा pittha or पीठा pitha, also to the east बिगया bagiya, and in Tirhut बगया bageya,—a kind of boiled pudding made of sattu or meal. A smaller variety is called पिद्वी pitthi.

पिड़ी pitthi,-see पिड़ा pittha.

पिसान pisān, —see चाँटा ānta.

पीच pich,—see माँड mānr.

पौठा pitha,—see पिहा pittha.

पौडी pithi,—see कचौड़ी kachauri.

- पूचा pāa, also (East Tirhut) पू pā, and घटोरा ghatora (Patna and Gaya), and घटनरा ghatra (South Bhagalpur and Gaya),—wheat-flour and molasses mixed and cooked in clarified butter or oil. Cf. साज पूचा māl pāa.
- पूरी pūri, also (north) खुचुरे luchni, and (Tirhut) चोडारी sohāri or सुदारी suhari,—thin cakes boiled in clarified butter. They are supposed to be as indigestible as muffins: hence the proverb about one who attempts things he cannot do, घू पचे विद्या सारि ghyu pache nahiā pūri la māri,—a fight for muffins, when even clarified butter won't digest.
- पेटा petha (north), also सुचापाम bhuāpāg (South-East Tirhut), —eandied gourd.
- मेड्रा pera,—a sweetmeat made of sugar and milk. Those made in Mathura and Gaya are most esteemed. See also जोर्या loïya.
- फरन्ही pharhi,—see विश्वरी chiuri.
- भरा phara (north-west), गोका gojha (Shahabad), and बिगवा bagiya (South Bhagalpur),—balls of rice steamed over a pot containing boiling water.
- पराहा pharātha (north and south-east), पराहा parātha (elsewhere), —bread made like pie-crust.
- प्राची pharuhi (South Bhagalpur), फोकन्ना phokna (South Munger),—parched rice. See also विश्वरी chiuri.

क्रडन्प्री phutpūri,—see बेरन्सी berhi.

कटबन्दा phutahra,—see जिही litti.

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ज्ञार पारी phutchri,—see चिही litti.

- or oil, and then soaked with spices in tyre. It becomes very spongy.
- in a pot with some water in the bottom, and resting above on twigs; (2) (north) balls of pulse-flour boiled in clarified butter or oil.
- फेनी pheni,—a frothy sweetmeat made of wheat-flour and sugar. See also बनाच फेनी batās pheni.
- फोकना phokna,—see फक्डी pharuhi.
- फोरन phoran, also (Shahabad) भुँचाँर dhuñāñr,—seasoning used with food.
- विश्वीर bakhīr (South-West Shahabad), रिस्थाव rasiyāo (rest of Shahabad), रिस्था rasiya (Patna, Gaya, and the southeast),—rice cooked in sugar and water. See also खीर khīr.
- बगिया bagiya, बगेया bageya,—see पिद्रा pittha.
- वचार bayhār (north-west), चेंबन्जन chheukan (Tirhut), चेंबन्जन chheuankna (Patna), चेंबन chhaunkal (South Munger), चनन्जा chhanka or चेंबन chhaunka (South Bhagalpur),—the act of seasoning food
- बच-का bachka,—see बजा-का bajka.
- चन्ना bajka or (Patna) वचन्ना bachka, (north चन्ना chakka, (North-West Tirhut) बरा bara, (South Bhagalpur) बारा bāra,—slices of gourd or vegetable covered with pulse-flour and then fried in clarified butter or oil.
- बताप फोनी batās pheni or फोनी pheni (north),—a spor y sweetmeat made of sugar and flour.
- चनामा batása,—a spongy sweetmeat made of sugar.
- बफोरी baphauri,—pulse-flour cooked by steam.
- बरन्जीर barjaur,—see बरन्धिन berhin.
- बरको barphi,—a white sweetmeat made of wheat, flour, milk, and sugar.
- वरा bara or वारा bāra,—cakes of urid pulse fried in clarified butter or oil. See also वजन्का bajka.
- bari,—balls of urid, mung, or gram-flour fried in clarified butter or oil.

बसुचाची balusāhi or बाजू चाची bālu sāhi,—a sweetmeat made of wheat.

बिखा basiya,—see बासी bāsi.

बद्धरी bahuri,—see होरन्हा horha.

बारा bāra,—see बजा-का bujka and बरा bara.

बाजू साची bālu sāhi,—see बलुगाची balusāhi.

बासी bāsi or बसिया basiya, also (Shahabad) बासी कूसी bāşi kūsi,— food saved from supper for breakfast.

बोरी biri (Gaya), a kind of food made of leaves and flour fried in clarified butter.

इनियाँ buniyān,—a small round hollow sweetmeat made of gram-besan, fried in clarified butter or oil and covered with sugar.

बॅनिया beniya,—see बॅरन्डी berhi.

बेरन्डिन berhin or बरन्जीर barjaur (Shahabad),—pulse cakes.

बरन्ही berhi, द्लान्ही पूरी dalla pāri (north), फुटन्पूरी phutpāri (South Bhagalpur), and also (Tirhut) बेनिया beniya, and (Shahabad) बेरन्हीया berhāya,—pulse-flour cooked inside a wheat cake.

वेसन besan or घाडि ghāthi (North-East Tirhut),—pulse-flour.

बोर bor or बोर बोर bor bor (Gayn and west), सानि sāni (South Bhagalpur), सोन son (South Munger), the act of seaking dry food, such as bread, in any liquid.

ममन्दी bhabhri,—see खिद्दी litti.

भात bhāt (amongst Hindus), खुशन्का khushka (amongst Musalmāns),—plain boiled rice.

सुचापाम bhuāpāg,—see पेठा petha.

भुकाना bhujna, भूँजा bhunja, भूजा bhuja,—sec चनेना chabena.

भूनल खिचन्द्री bhitnal khichri,—see विचन्द्री khichri..

मण्दा maëda or मैदा maida,—fine sifted flour.

मकुनी mukuni (1) (north),—cakes stuffed with gram-flour; (2) (south) cakes made of pease or wheat-flour. See also निशे litti.

भटन्दी matri (north), चटन्दी muthri (South-West Shahabad), a sweetmeat made of wheat-flour. महा mattha or माडा mātha, also मखा mantha (South-West Shahabad), घोल ghol or घोर ghor (to the east), and मची mahi (South Tirhut),—butter-milk.

सठ-जापर mathjäür, also (east) घोर-जापर ghorjäür and (South Bhagalpur) घोर-जारी ghorjäri,—butter-milk boiled in water, with a little rice, &c., added.

मटन्दी mathri,—see मटन्दी matri.

सदंश्यटन्का marsatka (Gaya),—rice-gruel with the rice.

मखा mantha,—see महा mattha.

मदन भोग mahan bhog,—see दल्या halua.

मिंचाजर mahiyā ur (north) and महेर maher South-West Shah-abad),—a mess of rice, &c., in butter-milk.

HEUR mahuar or (South Bhagalpur) gun duppha,—the flowers of the mahua (Bassia latifolia), soaked over-night, crushed next morning, and made into a cake with flour, gram, pease, or linseed.

महेर maher,—see मिखाजर mahiyāür.

माठा mātha,—see महा mattha.

साँद mānr (amongst Hindus) and पीच pich or जागन्दा ogra (amongst Musalmāns),—rice-gruel.

माल पूचा $m\bar{a}l$ $p\bar{u}\bar{a}$,—wheat-flour, sugar, and milk mixed and cooked in clarified butter only, thus differing from पूचा $p\bar{u}a$, q.v.

मौडी पुरी mithi pūri,—sweet cakes.

मुरन्री murri,—see दूरी thuri.

मृही murki,—see दूरी thuri, चमेना chabena, and बाइ kii.

मेरन्छन merkhun,—see खुदी khuddi.

मैदा maida,—see मण्दा maëda.

मोती चूर moti chūr,—a sweetmeat made up of very fine वृतियाँ buniyān shaped like pearls.

मोदक modak,—see कच-विद्या kachwaniya.

रदं raī,—800 चून chūn.

रच गोसा ras gola,—round balls of dry curds (देना chhena) in syrup; a Bangāli dainty adopted in Bihār.

रिखा rasiya, रिख्याव rasiyao,—see बखीर bakhir.

रसा rassa, राषा rasā,—see परेष pareh.

राम rān,—see पाग pāg.

TT rāb,—boiled sugar-cane juice.

বিশীৰ rikaunch or ইতা saindha (north), also অনেলীৰ arkaunch (Tirhut),—a mess of pulse-flour cooked in the leaves of the আৰহ arui (Arum colocassia).

चक-ठो laktho,—see सेव seo.

- चहा latta or चाटा lāta, also (South Bhagalpur) भिष्मे jhil'e,—a mess made of the flowers of the mahua (Bassia latifolia), molasses, and parched grain.
- बाबू laddu or बाबुचा larua,—a sweetmeat made up of sugar and cream.
- चपन्दी lapsi,—flour of any grain boiled in milk and eaten with sugar. When made with salt instead of sugar, it is called (South-West Shahabad) घाउ yhāth, (South-East Tirhut) घड ghattha, (South Munger) घाउ। yhātha, and (South Bhagalpur) घाडो yhātho or घाँडो yhāntho.
- खाइ lāi, also (Tirhut) मूड़ी mūrhi, कुन्ती kunti (Patna and the south-west), and निजन्तनन्दी tilkutri (South Bhagalpur) and खोभिया khobhiya,—parched rice prepared with sugar south of the Ganges, but without it north of the Ganges.

बाटा lāta,—see बहा lutta.

जारा lāwa,—maize, rice, &c., parched in hot sand.

शिही litti, भभन्दी bhabhri, मनुनी makuni, or फुटंचन्दी phutehri or (south) फुटइन्दा phutahra,—various cognate kinds of cakes fried in hot ashes. The last four are generally stuffed with saitu and spices, while the first may or may not be so stuffed.

खन्दे luchūï,—see पूरी pūri.

- चोरचा loïya or (South Bhagalpur) गुकी gulli, the lumps of dough out of which cakes are made. In Patna, Musalman women call them पेड़ा pera.
- सकरन्याचा sakarpāla or (Gaya) किरन्जर mirjaī,—a sweetmeat of wheat-flour.

सगन्पिता sagpahita,—see द्जन्सगा dalsagga.

बतुचा satua, चतुर satui,—see बन sattu.

चन् sattu or चतुचा satua, also (Shahabad) चतुद्दे satui, and (north, generally amongst mendicants) चिनल-वृक्त-नी sitalbukni, parched gram ground into flour.

समोसा samosa also (Tirhut) परिवा parakiya,—balls of flour, with fruit, &c., inside, cooked in clarified butter.

चरन्त sarbat (south-east),—sugar-cane juice mixed with milk; also generally eau sucré.

सानि sāni,—see बोर bor.

चाँस sāns,—a sweetmeat made of वेसन besan and molasses, eaten by boys in Patna.

चित्रज्ञान्ती sitalbukni,—see चन्तू sattu.

ভিষা sidha or ভীষা sidha,—provisions, food, as in the proverb ভিষা ভাইছ, মহা মহা কৰিছ sidha sandeh, gabya gabya karathi,—it is doubtful if he should get anything at all to eat from me, and he has the impudence to ask for milk.

चिरा sira,—see पाग pay.

सिर्चा sirua,-soup.

हरका चुरा surka chūra,—unripe paddy parehed and pounded flat.

स्पारी suhāri (North-East Tirhut),—see पूरी pūri.

इड़ी sūji,—the flour from the centre of the wheat grain.

सेव seo or (Shahabad) सकन्दो luktho,—a kind of coarse macaroni, differing from संबद्दे semuai in not being regularly coiled.

इंबर semual,—a kind of macaroni, which differs from सेव see in being regularly coiled.

चेंडा saindha,—see रिकोंच rikaunch.

सोचारी sohāri,—see पूरी pūri.

मोन son,—see बोर bor.

चलुचा halua, also (Shahabad) काँची kānchi,—a sweetmeat made of flour, dried fruits, and clarified butter. Musalmāns also add eggs. A superior variety of this is known as मचन भीग mahan bhog.

चानुस hābus,—green barley roasted as food.

ভাৰের horha (west), আৰ্থা orha (east generally), also বাজারা holha (l'atna and Gaya), বছৰী bahuri or ধৰ্মন্ত parmal Shahabad),—unripe grain, roasted in the ear or pod.

Fig. 1 holha,—see sites horha.

DIVISION XII.

CEREMONIES AND SUPERSTITIONS OF RURAL LIFE.

CHAPTER I.—MARRIAGE.

- 1273. Marriage is amongst Hindus वियास biyāh, local optional ames being ग्रमञ्जली shumangali (properly the marriage service escribed in § 1328) in North-West Tirhut and Champāran, and त्यास दानी biyāh dāni in East Tirhut. विवास bihāh is common in orth-East Tirhut, and विद्या bihā in South Bhagalpur. Amongst usalmāns it is सादी sādi or ग्रादी shādi, विकास nikāh being the ss regular form. The marriage contract is स्वद् akud amongst usalmāns.
- 1274. The husband is everywhere (amongst Hindus) बर bar properly bridegroom), अतार bhutār, पीचा pīyā or पी pī (only used in petry), पती puti or पानी sāmi. Local torms are जैवाय jañwāy (properly m-in-law) (South-West Shahabad) and in East Tirhut चेंद saiñeñ nongst the lower classes and खामी swāmi or चवामी sawāmi amongst the igher classes. अतार bhutār is sometimes specially used to signify a oman's second husband. Musalmāns use the word प्रोचर shauhar. he following words are used by Hindus and Musalmans indifferently: खन्दा dulha (properly bridegroom), पुरख purukh, मरद marad, खन्दम vasam, खन्दानी admi or खिन्दमी adimi* (also used in South Munger to can wife), and खाविन्द khāwind. South of the Ganges occur खनन्दी ndi and मरन्दाना mardāwa. A wife calls her husband मरद marad, or the localities mentioned above जैवाय hāwāy or मरन्दाना mardāwa. I South Bhagalpur she calls him चाँद sāñiñ.
- 1275. A wife is मेचरान्क mehrāru, इसिरी istiri, माजग māug or मौगी augi, बच्च bahu or बच bah, (also, in Champāran, बोच bauh) (which eans literally daughter-in-law), जाभी jannā, बेकत bekat (also used to ean husband), जाना jannāu, जोक joru, and कविचा kabila, the last two

^{*} Often spelt by purists चादमी ādami.

being principally used by Musalmāns. जोजी jauji (a corruption of zauja) is used only by Musalmāns and Kāyasths. When talking to a respectable man about his wife, the word सवारी sawāri or घर के जोग ghar ke log or a periphrasis is used. Thus they say in Shahabad चपन्ने के सवारी ऐजी इंड apne ke sawāri aili ha? 'has your wife come?'; रवॉ घर के जोग कइन्वॉ बाक्टीं rarāñ ghar ke log kahwāñ bārīñ? 'where is your wife?'; or रवॉ इजेजी में कब ऐजी इंड rawāñ habeli mēñ kab āili ha? 'when did your wife come?' lit. 'when did the being in your honour's inner apartments come?'

- 1276. When there are two wives, each is साजत sāit or सौतिन sautin to the other, a South Ganges variety being सोतिन sotin, and in South Munger सैतिन saitin. The first wife is वियासी biyāhi. In Patna and Gaya विसी bihi, and in Shahabad मेस्टरी mehri and कविसा kubila, are also used in the same sense. When there are two wives, the elder is called जंडररी jethri, जंडरकी jethki, or बढ़रकी barki, and the younger लक्षरी lahuri or स्टाउनकी chhotki.
- 1277. A woman whose husband is alive is north of the Ganges प्रस्वानी chicāti, and south of the Ganges she is खरिवानी chicāti or खरियानी chicāti. A local variety is ऐस्व cihab in South-East Tirhut. सोसागिन sohāgin is another word used everywhere in the same sense. Another local word in South-East Tirhut is समन्वा sadhwa. When a married woman is living in her father's house she is a नेस्टेनिन naihraitin, or in South Bhagalpur स्वासन sawāsin, and when she is living with her husband's family she is सस्टेनिन sasuraitin.
- 1278. A widower is বজা randa or বাঁড়া rānra. If he marries a second time he is হাজাৰ doāh or (in East Tirhut) হুনিৰৰ dutibar or হুব্ৰিয়াৰা duibiyāha, and in South Bhagalpur হাৰিয়া dobiha. If he marries a third time he is নজাৰ teāh or (in East Tirhut) বিনিশ্ম tritibar, and South Bhagalpur নৰিয়া tebiha. In such case he is also called হাজাৰ doāh.
- 1279. A widow is बैबा bēwa or रॉइ rāñr. Another term is बियन्ना bidhwa. In South-East Tirhut बैधव baidhab is also used. The second marriage of a Hindu widow is सगार suyāi. Optional names are सगरम sayaham, सम्बन्ध sambandh or समध samadh, used chiefly north of the Ganges. To the south-east मुमायन chumāwan or मुक्तीना chumauna is also used in this sense. Such a woman is called to the west सरकी ardhi, and the second husband is सगइसा sagáhua or सगइसा sañghua. In Western Shahabad he is सामुक्त sānghut, and to the west generally

- राधुचा ardhua or भतार bhatār. A child brought forth by the widow revious to the ceremony is पराचाना pachhlagwa or कटावेटा kathbeta, in South Bhagalpur जरावेटा lahbeta. The second marriage of a susalmān widow is चकद सानी akad sāni or निकास nikāh.
- 1280. A kept-woman, who lives with a man without marriage, रखेलिन rakhelin, रखेली rakheli, or रखन्नी rakhni. Other names are जी randi, उड़ही urharhi or उड़री urhari, and देमन्नी dhemni. सुरैतिन traitin is used in South-West Shahabad.
- 1281. The bridegroom is दुल्लाचा dulha, बर bar, नीसे nause or नीमें rushe. Also, south of the Ganges, गमन्द्र gabhru. In East Tirhut the forms विख्या bikhiya and विख्या bikheya are current. The bride's cople call the bridegroom सरिका larika or बंदन्या betwa.
- 1282. The bride is दुज-दिन dulhin or क्लें शाँ kancāñ, also in outh Bhagalpur कन्यादन kanyāïn. The bridegroom's people call her रिकी lariki, जर-किनी larkini, or बेटिया betiya.
- 1283. The dowry is नहेज juhej or दहेज dahej. In South-East irhut it is जैतुक jailuk.
- 1284. The marriage settlement amongst Musalmans is मोदर न mohar den north, and देन मदर dain mahar south of the Ganges.

CHAPTER IL-WEDDING CEREMONIES GENERALLY.

- 1285. The proposal for a boy in marriage by the girl's relations rice rersa is amongst Hindus बरन्त्र bartui or बरन्देखी bardekhi, in Shahabad बरेखि barekhi. In South Munger it is sometimes पनन्वही mbatti. In Patna it is occasionally बमन प्रकी babban puchehhi. mongst Musalmans the name for a proposal is निमन्दत nisbat.
- 1286. The match-maker, who conducts the preliminary negotiions, is everywhere अगुद्धा agna. In North and East Tirhut he is also
 क्र ghatak. The barber and Brāhman, who are messengers, and
 metimes negotiators, in the matter, are called collectively नौद्धा बाह्मन
 mua brāhman. The searching for a boy in marriage is north of
 ne Ganges, to the west, जरिका खोद्धा larika khēj, in South-Tirhut
 क्रियारी bartuhāri or सुधावधा करव sudhābadha karab, while in Northast Tirhut it is कथा करव katha karab. South of the Ganges it
 बरन्द्वार bartuhār. Most of these words, however, include the

preliminary negotiations, when a suitable boy has been found If, during the negotiations, a member of the bride's house visits the bridegroom's, or vice versa, the food given him to eat is called बरन्त्री के भाग bartūhi ke bhāt. The first food given to him after the marriage under similar circumstances is अव्यक्ति bhathkhai.

- 1287. The betrothal consists in paying the तिसक tilak on the occasion of the formal proposal and acceptance of the proposal of marriage. This तिसक tilak is a present made to the bridegroom's people by the bride's people in the bridegroom's house. Some castes pay a portion of this in advance, as a sort of retaining-fee to secure the bridegroom; and when this is done, it is called फ्लाउदान phaldan, चूका chhenka, or बर् चूका bar chhenka. In Sāran and Champāran it is also called बर्का barachchha, in South-East Tirhut पनन्यही pancharhi, and in South Bhagalpur पनन्योची pantohi.
- 1288. The man who carries the इका chhenka is the इकाइन्द्र chenkahru north of the Ganges. South of the Ganges he is इकाइन्द्री chhenkahri, or in South Munger महत्ताँ muhton.
- 1289. The period of marriage ceremonies dates from the presenting of the तिखक tilak, and is called खगन lagan, or in East Tirhut सुध sudh.
- 1290. The marriage procession is बरियान bariyāt. Sometimes the Hindi form बरान barāt is used. When it remains at the house of the bride a day after the wedding, the halt is called बर्जाइ marjād. When a bride's father is unable through poverty to defray the expenses of the marriage, and he sends her to the bridegroom's house for the performance of the ceremony, she is called बहुई karhui, बहुआ karhua, or डोल बहुई dol karhui. The marriage procession is the first formal visit of the bridegroom to the bride's house.
- 1291. The second visit, which consists in the ceremony of going to the bride and bringing her home to her husband's house for the consummation of the marriage, is गवन्ना gawna, गवन gawan, or गौना gauna. In East Tirhut it is also द्वामम durāgaman, and south of the Ganges द्वामोन durāgaun. Another name is रोकन्सती roksati, रोकन्सदी roksaddi, रोसन्कती roskati, or रोसन्कदी roskaddi (رغصني). Yet another is विद्या bidāgi.
- 1292. If the bridegroom pays an intermediate visit, it is called in South-East Tirhut 3111111 duragnaghan. Immediately

sfore the final visit to fetch the bride, a message is sent to the bride's puse with some presents, to announce the approaching of the time for the visit. The presents are called नेषार neār, and the persons who arry them नेष्याचा neardharua. The persons who actually fetch e bride are जीतापर lautāhar, नेपानपर neotahar, जेपापर letāhar, or षावस liāwan, or in South Bhagalpur जेपारी leyāri.

- 1293. The newly-arrived bride is called দীনম্বনী gaunahri. In ast Tirhut she is also called ৰছমানিৰ bahuāsin. The male members her party are ভাকনোম্বা loknāha, and the females ভাকনী lokni or কৈৰিয়া lokaniya.
- 1294. After consummation of marriage, the first and second visits the bride to her parents' house are called रोकन्मती roksati, &c., as ove. The second visit of the bride to her husband's house is दोंगा nya, and her third visit is नेगा tenga. Her subsequent visits to r husband's or her parents' house are called रोकन्मती roksati, दागी bidāyi, बिदागन्दी bidāyri, खबन गवन awan gawan, कदरा रा ahwra bahura, खहोर बहोर ahor bahor, खोरा बौरा awa lawra, or इस गैस बंगे gail.
- 1295. A married girl in her father's house is called by her people dai, भी dhi, बनुद्रे babuï, or स्थामिन suāsin. When a wife is in her her's house, and her husband wishes her'to return, he sends a ssenger (generally a barber by caste) to summon her, who is called विदा pethwaniya.
- 1296. Their father-in-law's houses are called by bride and bridenom respectively util sasurār. The educated also use the Hindi
 rd util sasurāl. In East Tirhut it is called util sāsur, and in
 ahabad sometimes util sasura.*
- 1297. The wife's parents' house is called by her in Patna and ith Munger नहिरा nahira or मैका maika, and in South Bhagalpur न्या nehra. Elsewhere she calls it नैस्र naihar.
- 1298. The husband's or wife's maternal grandmother's house is led by him or her नानीचाल nānihāl, निवास nanihāl, निवास nanihāl, निवास nanihāl, निवास nanihār, त्या nanihar, or निवास naniaura. Other names are समन्दर mamhar, l (in East Tirhut) माचिक mātrik.
 - 1299. The husband's or wife's paternal grandmother's house is or her दादीचाल dādihāl, दिद्याल dadihāl, दिद्याल dadihāl, दिद्याल dadihār, दिद्याल

^{*} A man in his father-in-law's house is always made much of, and fed well; ce in thieves' jargon a jail is called (let us hope sarcastically) uguit sasurār.

- dadihar, or ददिषोरा dadiaura. Another name current in East Tirhut is पैनिक paitrik, while in South Bhagalpur they say वपन्यर baphar.
- 1300. Their maternal uncle's houses are his or her ममन्दर mamhar or ममुद्द mamuhar. So also the paternal uncle's house is प्राप्त sasurār.
- 1301. The paternal grandfather's house is (north of the Ganges)
- 1302. The father of the bride and the father of the bridegroom call each other समन्धी samdhi. Their wives call each other समन्धिन samdhin.

CHAPTER III.—SPECIAL WEDDING CEREMONIES AMONGST THE HINDUS.

- 1303. Marriage ceremonies vary somewhat according to locality and caste. The following is mainly a description of such a wedding as might take place in the house of a well-to-do goāla in Patna, see § 1353. When the marriage has been agreed upon, the father of the bridegroom visits the father of the bride, and each provides a few handfuls of paddy (धान dhān). These are mixed together, and then divided between the two fathers by a Brāhman, and the bridegroom's father takes his share home. This ceremony is called धनःवही dhanbatti. This paddy is reserved to be parched in the chātha which will be subsequently mentioned.
- 1304. Then the females of the bride's family perform the चुमादन chumāwan or चुमोना chumauna ceremony. In this five women take rice between the thumbs and forefingers of both hands and touch in order her feet, knees, and shoulders with it. They then put it on her head. To perform this ceremony is चुमापन chumāëb.
- 1305. On the fifth or eighth day before the expected arrival of the wedding procession, the following preparations are made in the bride's house. If they take place five days previously, they are called पद्ममान्य pachmangra; if eight days, चडन्मगन्य athmangra.
- 1306. The ceremony called মতেকাভুগৰা matkorwa.—The women of the family, and their friends, go singing to a well. They level a piece of ground near the well and smooth it down with আৰ মাতী lāl māti, a kind of yellow clay which is generally found immediately over gravel. They then dig a clod up out of it, and carry it home on the head of one of them. They make a

eplace, পুৰুষ chūlha, of this mud in the centre of the court-yard লাকন āngan. In South Bhagalpur they set up a plantain-tree and a imboo in the courtyard, under which they place the mud.

- 1307. The day before the expected arrival of the marriage proceson, the family sets up a bamboo shed in the court-yard over the replace. This shed is called महन्सा marhwa, मेंड्रना manrwa, or माँड्रो ānro, also in South Munger महन्दी marhi, and in South Bhagalpur मण्डप andap. The same day a potter brings an earthen pot, called कार्चा lsa, with a four-wicked lamp, called चीस्ड chaumukh, on its top. This placed in the house where the family god is placed for the purposes the marriage. This house is called कोचन्सर kohbar. According to me the pot is placed at once in the महन्सा marhwa.
- 1308. A plough-shaft (इरिम haris), a plough-yoke (पालो pālo), d some bamboo twigs (करानी karchi), are then buried in the ground in e centre of the महावा marhwa. Then five men bring out from the इन्बर kohbar the कलामा kalsa, and place it under the महावा marhwa front of the bamboo twigs. The father of the bride then anoints e four posts of the महावा marhwa with भू µhyu (elarified butter), and on the mother applies some vermilion (चेहर senur). The name of is ceremony is घूटारी ghyudhāri or दीटारी dhūdhāri. In South magalpur it is चिटारी ghidhāri. At the same time worship is offered the progenitors of the family, which is called मन्नीपूजा mantri in. Then five men take turmeric (इरादी hardi), oil (तेल tel), and b grass (दूनी dūbi), which they scatter on the bride's forehead. This called इरादी चहाएव hardi charhāch. Then women anoint her body th oil and turmeric. This is called उन्हार ubtan, &c.; see § 1342.
- 1309. Next day, before the arrival of the procession, the paddy red from the धनन्दही dhanbatti is parched in the fireplace under the न्वा marhwa. This is prepared for the ceremony of जावा क्टाइ ra chhitāi (see § 1332), at the time of the marriage circumambution. The fireplace is then put to one side.
- 1310. Next follows the ceremony of swallowing the mango fibre. is is called इमन्दी घोटा inli ghontāi. In South Bhagalpur a similar emony is called अमन्द्रो घोटन amlo ghotan. An elder male of the ther's family (usually her brother) puts into her left hand a present money or ornaments. The barber's wife then gives him the tre fibre of one of the mango leaves hanging up in the ना marhwa, which he presents to the mother's mouth. The mother m bites a small piece off this and deposits it in the hollow

- of her own right hand, into which the elder male pours a little water. The piece of fibre is called खरिका kharika, निमन्का tinka—, or इस्टी danti. This the mother holds over her daughter's head and gulps (घाँडब ghontab, to gulp) it all down. The elder male then says to her, "Art thou cool (i.e., pleased)? (चुड़ेजू jurailu)," to which she replies "I am cool (चुड़ेज़ी jurailiū)."
- 1311. Wedding wreaths of mango leaves, flowers, &c., are hung over the door, and about the महत्वा marhva. These are, north of the Ganges, बन्दन्वार bandnevār or बन्दवार banwār. South of the Ganges they are बन्दन्वार bandanwār, and in South Munger चेरा ghera. In South Bhagalpur mango branches are hung about the house, and are called पन्नो pallo.
- 1312. In the bridegroom's house, before the marriage procession starts for the marriage ceremony, very similar ceremonies are gone through; the मटन्कोइन्बा matkorwa is performed. A चूल्हा chālha is made in the court-yard. The plough-shaft, yoke, and bamboo twigs are buried, and the earthen pot with lights is set up. Only no महन्या marhwa is built. The ceremonies of चुनीबा chumauma and चरन्दी चढ़ाएव hardi charhāch are performed on him, as is done to the bride.
- 1313. The paddy reserved from the ঘন-ৰহী dhanbatti is parched in the বুল্লা chūtha. This parched grain is taken with the wedding procession, and mixed with that parched in the bride's house, and with it scattered at the circumambulation (§ 1332).
- 1314. They then cover him with cosmetic (খৰন্থৰ ubtan, &c., see § 1342), and his nails are cut by a barber's wife, he sitting in front of his mother, and his mother wearing the maur (see § 1326). This, as in the bride's case, is called ৰহন্ত nahehhu (see § 1326). The ceremony of হৰন্তী ঘাঁহাহ indi ghoūtāi is also observed (see § 1310).
- 1315. He is then bathed and anointed, and sets out with the marriage procession. A little of the water in which he was bathed is brought with him. This is called धिनेड के पानि sinch ke pāni. He is not allowed to bathe again until the चौधारी chauthāri (see § 1340). When the marriage party arrives at the bride's house, this water is given to her mother, and at the time of the girl's नड़क nahchhu, the barber's wife will mix it with other water, and bathe the bride with it immediately before cutting her nails.
- 1316. The first scattering of rice.—When the bridegroom arrives at the door of the bride's house, the women of her family receive him,

and scatter over him uncooked rice, the dung of a heifer, balls of cooked rice, and other articles. A married woman of the family then takes a brass pan (बीपी chhipi or बारी thāri) and a small lamp (दीपा diya) and gives them to the bridegroom; and then, holding two corners of her mantle (चुनरी chunri), touches with them the pan, then the boy's forehead, and then her own. This is called परिशाबन parichhāwan, परिश्रम parichhan, परिश्रम parichhan, परिश्रम parichhan, परिश्रम parchhan, परिश्रम parchhan, परिश्रम parchhan, or परिश्रम parchhani. A similar ceremony is called in South Bhagalpur गुन्नस्थे galsedi.

- 1317. The ceremony of the pestle.—The girl's mother then rubs in the palm of her hand a curry pestle (जोड़ा lorha), which she applies to the cheeks of the bridegroom. This is called गांच मुंबी gāl senki. This custom is not known in South Bhagalpur. Instead there is performed a ceremony called भूषा dhān. A man disguises himself as a woman and approaches the wedding party with a jar of water. He says he is a woman of Kāmrūp Assam) come to give away the bride. He then sprinkles water on the bridegroom. (Compare § 1320.)
- 1318. The marking of the bridegroom's forehead with sandal paste before marriage is निज्ञ tilak or निष्य tillak. In South Bhagalpur it is चन्द्र chandan. This is done by a man called in the west निज्ञा tillahru, and in the east निज्ञा tillahleua or निज्ञा tillahru. He is generally the bride's fother. This tillak is quite distinct from the tillak paid at the time of proposal of marriage.
- 1319. These ceremonies at the door are called collectively হুদ্ধার বুলা duār pūja. In South Bhagalpur they are known as হুদ্ধার বুলার duār lagāi. Those described above are those performed by goālas in Patna. Other castes have other customs,—the higher ones contenting themselves with giving presents to the bridegroom and scattering rice (মুদ্ধার acheldat) over him.
- 1320. The wedding procession then proceeds to put up in a place set apart for them. This is called जनवाँचा januansa or (in North-East Tirhut) बैड की baithki or बामच्य bāsyhar, and in South Bhagalpur जनन्माचा januāsa. A male member of the bride's family (generally her sister's husband) then brings to the जनवाँचा januānsa a bowl of sweet drink or sharbat, called यूचा dhūa, and covered with a red cloth. He also brings some urid (dolichos pilosus) flour mixed up with finely-powdered pepper. This is called चुज्ञचा bukua. On his arrival at the जनवाँचा janualisa he scatters this in the air, causing the bridegroom's party to sneeze. He then gives all those

- present to drink of the sharbat. The whole ceremony is called sate out bukua urā. A similar ceremony is called, north of the Ganges, year dhurchhuk, in which water is sent in pitchers, and a little scattered over the party with mango sprays.
- 1321. The barber now comes for the bridegroom's मौर maur or head-dress, as will be subsequently described, which he takes away to the bride's house.
- 1322. When all is ready the friends of the bridegroom leave the जनव्याँचा januansa with great pomp, carrying with them the presents for the bride. Amongst these is a valuable cloth, called कनेचार kaneāi, or in South Bhagalpur विद्यासी bihauti, which is taken to the female apartments, and in which she is dressed. She is then brought out and made to sit in the महत्वा marhua. This visit is called निर्वा nirichchhan, निर्वा nirachchhan, or निर्वा nirchhan, as the bridegroom's party see (निरेखव nirekhab, to see) the bride now for the first time.
- 1323. Then the ceremony of making the bracelet is performed. The bridegroom and seven other men husk paddy in a mortar. When husked, two or three grains are wrapped up in mango leaves to form a kind of bracelet. Two of these bracelets are made, and one is tied on to the bridegroom's right wrist, and the other on the bride's left wrist, by a Brāhman. These bracelets are called कड़न kangan or कड़न kankan. The ceremony is called कड़ीन athongar, करीन athangar, or (in Patna) जरीन lathaungar.
- 1324. Then follows the adoration of the bride. In this ceremony the elder brother of the bridegroom (or in default of him some elder of the bridegroom's family) offers sweetmeats, molasses ($\eta \tau \ y\bar{u}r$), and ornaments to the bride. He then takes some betel-leaf and tyre ($\tau \ dahi$) in his right hand, and presses it against the bride's forehead, at the same time pressing his left hand against the back of her head.
- 1325. These two ceremonies are together called and bandan, grand gurhatthi, or grand gurhatthan, and signify that he has touched her once for all, and that, if he touch her again he will be guilty of a sin. In South Bhagalpur they are performed by the bride's sister, and both bride and bridegroom are adored. There the ceremonies are called grandha.
- 1326. Then the bride's mother sits in the सह ना marhua with the bride between her knees, holding her round the waist. The cere-

mony that follows is the cutting of the nails. This is called नरः nahchhu, नरः इया nahchhua, नरः इया नरायन nahchhua nahāwan, नरः बटिया nahkatiya, or (in Shahabad) नरः इयो nahtungi. In South Munger it is नड्रमाण nachhunāë, and in South Bhagalpur चौक्या lauchhua. The bride's mother has previously sent (§ 1321) a barber (यजाम hajām) to the जनः वाँचा janwañsa to ask for the head-dresses. There are two head-dresses,—one worn by the bridegroom, which is made of talipot-leaves and is called नौरी maur; the other is worn by the bride, and is called नौरी mauri, or (south of the Ganges) परःवाची patwāsi, or परःमोरी patmauri. The bride's head-dress is made of date-leaves. The barber brings these two to the bride's house and puts the मौर maur on the mother's head and the नौरी mauri on the bride's head. Then the barber's wife (यजामिन hajāmin) cuts the finger and toe-nails of both the bride and her mother (the bridegroom's having been cut before he left home).

- 1327. The bridegroom's party then returns to the जनःवाँचा januansa, and the bride goes inside the house and exchanges her कने बार kaneāi for her wedding dress or पिकरी piāri (see § 1348). The bridegroom is then sent for and is seated under the महन्या markua, and the father or elder male relation brings the bride and seats her beside the bridegroom under the महन्या markua, to his left. Some one belonging to the bride's family then goes inside and gets the bridegroom's maur from the bride's mother, and brings it out, and it is put on the bridegroom's head.
- 1328. Then the marriage service is read by the Brāhman. This is called ग्रमङ्गली shumangali or समङ्गली sumangali. The bridegroom sits under the महन्दा marhwa in front of the bride. The father of the bride sits kneeling on one knee, keeping the bride sitting on his other thigh. This is the ceremony of giving the girl in marriage, and is called कन्याँ दान kaneāū dān or फाँघा (फाँघ or फाँघया) वैसापव jāngha (jāngh or janghiya) baisāöb.
- 1329. It is not necessary to describe particularly the procedure carried out by the officiating Brāhman. He recites (or is supposed to recite) verses from the Vedas, and leads in various acts of worship, such as throwing incense on the fire, throwing rice (set achehhat) about, worshipping Gauri, and the like. At one period the Brāhman puts into the bride's father's hand a shell containing water, flower, achehhat, and metal, and makes him empty it round the base of the earthen pot set kalsa on the top of which the lamp with four lights (called

नी मुख chaumukh) is burning. He makes him do this five or seven times. This completes the ceremony of कने याँ दान kaneāñ dān.

- 1330. From the time of the arrival of the actuan bariyāt up to the completion of the कने बाँ दान kaneā n dān, the father and mother of the bride can eat nothing.
- 1331. Next follows the knotting together of the clothes of the bride and bridegroom. This is गँउ बचन genth bandhan generally. South of the Ganges it is sometimes known as गँउ जोड़ genth jor or गँउ जोड़न gethjoran, and in South Bhagalpur as जनम गँउ janam genth. At the same time something of small value, such as a two-āna piece or a few pice, or sometimes a piece of betel-nut, is tied in the bride's waist-band and in her breast-cloth by the Brāhman. Sometimes an ornament is tied to the bride's sheet, which is called अंचरी पासी (or पक्षी) anchri pālo (or pallo).
- 1332. The circumambulation of the sacrificial fire.—This is sometimes done by both bride and bridegroom, sometimes, e.g. in North-West Tirhut, by the bridegroom alone. They or he carry a winnowing sieve. The bride holds it in her hands in front of her, and the bridegroom follows her with an arm passing round her on each side, also supporting the sieve. Her brother fills the sieve as they go along with parched grain prepared in the fireplace formerly under the weed marked, which the bridegroom at the same time scatters by shaking the sieve with his hands (this is called जावा किटाइ lāwa chhitāi or, in Shahabad, खावा मिराइव lāwa mirāib). Care is taken to keep the sacrificial fire (when there is one) or the altar to the right.* It is considered unlucky for the girl to pass it to her left. This ceremony is called भाँवर bhañwar, भवन्दी bhañwri, भौरी bhauñri, or सत भौरी sat bhauñri. It is also called बंदि धमाएव bedi ghumāëb. This circumambulation is performed five times, and is the important part of the ceremony. The couple on its conclusion are fumigated with incense by the officiating Brahman. called चारत arat, चारनी arti, चगनती agti, or चगियासी agiyasi. In South Bhagalpur it is called दोम hom.
- 1333. When this is done, the bride's sisters and her brothers' wives amuse themselves by pushing the bridegroom about, and lifting him up by the ears. This last is supposed to be done five times, but

^{*} The reverse rule is observed by some castes when the horoscope makes out that it is necessary.

is rarely done more than once. It will be seen that this is only done by females. Amongst the Tirhutiya Brāhmans and Kāyasths, however, it is done by the bride's brother. The ceremony is called बरक वैचापव कडाप्रव barak baisāëb uthāëb.

- 1334. This is followed by the application of vermilion. In this the bridegroom takes a small cup containing vermilion in one hand, and applies vermilion to the parting of the bride's hair with a piece of homp. This is called \(\frac{2}{3}\)\(\frac{2}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2}{3}\)\(\frac{2
- 1335. The stopping at the door.—The couple then leave the courtyard and go into the house where the family deity is put. This house is called कोइन्बर kohbar, or in South Bhagalpur कोइन्बर kohbara. At the door they are stopped by the sister of the bride, who requires the bridegroom to repeat certain verses, called दुरींच duraundh or दुरींचा duraundha. The bridegroom demands a present for doing so, and on this being given he repeats the verses. This ceremony is called दुवार बेंबाइ duār chheūkāi or दुवार बेंबोनी duār chheūkauni.
- 1336. The stealing of the shoes.—The bridegroom takes off his shoes before entering the house. If he is silent or is too nervous to speak much, the bride's sister may, as a joke, steal his shoes while he is inside, and conceal them somewhere, in order to compel him on his reappearance to speak, and say "where are my shoes?" This ceremony is called जूना चोराइ jūta chorāi. In South Bhagalpur they make the bridegroom bow to a pair of shoes covered with cloth, and the ceremony is called जूना गोर सगाइ jūta gor lagāi.
- 1337. The couple then kneel facing the north-east, and perform the worship of the tutelary deity of the family, offerings being made to him at the same time. This is called गोर उगापन gor lagath. The clothes of the bride and bridegroom are then untied, the promised presents given to the sister of the bridegroom, and the marriage is concluded, the bridegroom returning to the जन-वाँचा januausa, and the bride remaining in the house.
- 1338. Shortly after the marriage, though this sometimes takes place the morning after, the bridegroom goes to his mother-in-law, who feeds him with rice-milk. After eating a little he sometimes takes the rest, dish and all, to the जनवाँचा januañsa, and finishes it there, or sometimes leaves it unfinished. This is called जीर जियान khir khiyāo or वियाही भाग hiyāhi bhāt, or (in East Tirhut) महण्यक mahuak.
- 1339. If the bride's people invite the bridegroom's people to stay over the night, it is called মনেলাহ বাৰৰ marjād rākhab. This may last

for two or three days or more. On the expiry of the period of मरन्त्राइ marjād, the bride's people see the bridegroom's party off. This is called रोसन्कित किर देव roskati kari deb, &c., as in § 1291. In South Bhagalpur it is also called सोटासी lotli. It is managed as follows: The bride's family collects in the court-yard all the presents received from the bridegroom's party, and with the assistance of village friends assesses their value. All this time the bridegroom's party is away in the जनवाँचा januāñsa. When the value has been assessed, the bride's father collects on his side presents to the value of at least one-fourth greater value than those received, and takes them to the stated januañsa. These return presents constitute the dowry, and are called the and dahej. The bride's father lays them before the bridegroom's. Then the bridegroom's father takes a new cloth (set chaddar) and puts it on the bride's father. bride's father in return presents the bridegroom's father with a purse of money of the value of the chaddar. Then both salam to each other. Then the bride's father, in token of allowing the other to depart, presents him with a sum of money varying according to means, and a lota of water, saying "राम राम rām rām," to which the other replies in the same words. This ceremony is called रमन्सभी ramrammi, मीखन milan, मिलन्नी milni, or समन्धी मिलावा samdhi milāwa. The two fathers are now, by relation, सम्भी samdhi to each other, and in token thereof they exchange cloaks and garlands. These exchanged cleaks and garlands are called चमन्धो samdho. Amongst lower castes, as the procession is about to start, the bride's father gives each member money sufficient for the way expenses and drink, called बटन्बारी batsāri, and in South Bhagalpur पाचक pāthak. Then the procession, bridegroom and all, goes off.

- 1340. The untying of the bracelets.—Four days after the marriage the bride and bridegroom bathe, and the bracelets on their two wrists are taken off. This ceremony is called বীৰাৰ্থী or বীৰাৰ্থী chauthāri or ব্যুক্তী chautrthi. This is the first washing the bridegroom and bride get from the time of the arrival of the procession before the marriage. During the interval they have been anointed with cosmetics, ভ্ৰক্তৰ ubtan, &c.; see § 1342. Usually this is done in their respective houses, but in Patna the bridegroom sometimes goes to the bride's house to perform the ceremony. This concludes the marriage proceedings.
- 1341. Miscellan ous.—The wedding breakfast is (north of the Ganges) करो kalau or मक्तनी majhni. South of the Ganges, in Shahabad it is पहुत्त panyhat, and elsewhere गोरीधा goraudha or युरीधा yuraudha.

The feast at the houses of both parties the day before the marriage procession is भतन्त्रान bhatwān, भतन्त्रानी bhatwāni, or भोज bhoj. Before eating the guests wash their feet, and the ceremony is called पर पखारी pair pakhāri, पर पखरचा pair pakharua, पाँव पखारी pāñw pakhāri, गोड़ धोइ gor dhōī, or गोड़-धोचाइ gordhoāī.

- 1342. The cosmetic of turmeric, meal, oil, &c., rubbed on the bride and bridegroom for about ten days before marriage, is north of the Ganges खन्टन abtan, and in East Tirhut जन्टन ugtan, कसार karār, or कासा kāsa. South of the Ganges we find जन्टन ubtan or (in Patna) ज्ञान्टन obtan very generally used; also खाँचट āñwat and खपट्टन aptan in Shahabad, ज्ञान्टन uktan in South Munger, and कासा kāsa, नसारा kasāra, or जटन्जन utkan in South Bhagalpur.
- 1343. The horoscopes of the boy and girl are everywhere जनम पतन्द janam patr or जनम पतन्दी janam patri. Also, very generally, टीपन tipan. In West Shahabad they are also कुण्डन्ती kundli. If they agree, the phrase गनन्त बनब ganna banab, or जोग मिल्लब jog milab, or दास बरग बेस गेल rās barag bais gel, is used. To calculate the horoscope is गिनब ginab, or जोग मिलापच jog milāeb, or दिन गुन्नी करब din gunni karab, or बमन पुन्नी babhan puchehhi.
- 1344. When the auspicious day for the marriage has been fixed, an announcing letter is sent to the bridegroom's father. This is known as the जाग पत्री layan patri, or simply as the चिट्ठी chitthi. The formal invitation to the wedding is नेवन्ता neñata or नेवन्ता neota, or (in East Tirhut) नवत nawat.
- 1345. The feast given to the brotherhood at the wedding is known as भर्षारा bhaïāra, भर्षारी bhaïāri, भर्षारे bhaïāre, भर्षारो bhaïchāro (Shahabad), जवन्नार jeonār, or भोज bhoj.
- 1346. In North-East Tirhut, amongst certain castes, especially the Bikaua (विकीसा) Brāhmans, caste money is paid as follows. If the bride's father is of lower caste than the bridegroom's father, the latter pays the former a sum in compensation called कनेसाँ दान kaneāñ dān. In South Bhagalpur this is called सेन main. If the bridegroom's father is of lower caste, he pays the bride's father a sum of money called विकास bikri.
- 1347. The presents given are as follows:— चनेच sancs, डाजा dāla, or डाज दौरा dāl daura, are the presents sent by the bridegroom before the arrival of the procession. दहेज dahej, as already explained, is the dowry paid by the bride's father. Before the bridegroom leaves after the welding, he goes to bid his mother-in-law good-bye. She

and the other women give him presents, which are called चलामी salāmi. Other similar presents are in South Munger पूरन pūran, and in South Bhagalpur चौंन chaunk निवाबर nichhāwar, निवाबर nichhāwar, or नेवःबावर neochhāwar, are presents made to the barber and his wife. गैदान gaidān or गौदान gaudān is the present of a cow made by the girl's father to the family priest (परोचित parchit, or (in East Tirhut) प्रोचित purchit or चवाजे achārj). गुरुच्यो gurhatthi has already been mentioned as the ceremony of giving presents to the bride by the bridegroom's elder brother (§ 1325). मोचःदेखाद mohdekhāi, गुदेखीनी mudekhauni, or गुदेखी mudekhi, are the presents given to the bride by her mother-in-law or other female relatives of the bridegroom on her first coming to her husband's house.

- 1348. The पिचरी piäri, पीरी piri, or (in South Bhagalpur) किनियती kaniaiti, is the bride's yellow dress, and कहावर kanhāwar or कैंघावर kandhāwar is a red loin-cloth laid upon the bridegrom's shoulder during the ceremony.
- 1349. Bringing the bride home.—This is मौना gauna, &c., ride § 1291. The procedure is as follows:—When the bride is old enough to live with her husband, an auspicious day is fixed. Some days before the date, the bridegroom's family send a present of sweetmeats, called गौना के नेपारा gauna ke neāra. On the evening of the appointed day the bridegroom and his party arrive, and after feasting go off with the bride at dawn next day. The day before, a ploughshaft (परिम haris), but no yoke or bamboo twigs, has been buried in the court-yards of each of the respective families. Before the bride and bridegroom start, their nails are cut. This is called नच करार nah chhachhāi or नोच क्लार noh chhilāi. With the party the bride's people send one or more gaily-decorated earthen vessels full of sweetmeats, called क्ला kunda or मचर mahar.
- 1350. When the party arrives at the bridegroom's house, the bride passes from the litter to the door, putting her feet into a basket at each step. This is called दौरा में गोर डारव daura meñ gor darab or घर पैचारी ghar paisari.
- 1351. On entering the dwelling the couple go into the house where the family god is, and worship him. This is called गोर खगाएव gor lagāeb.
- 1352. As they go into the house, another ceremony, called surfact duar chhenkai, is performed. In this the bridegroom's sister

demands a present, and when it is given or promised she allows them to pass.

- 1353. On certain ceremonies performed by Soti Brahmans of East Tirbut.—Different eastes and different localities have various marriage customs, but the one just described may fairly be taken as a standard Hindu marriage ceremony. It describes a marriage such as would take place in a well-to-do goāla's house in the district of Patna.
- 1354. The Soti Brāhmans of East Tirhut have several curious marriage customs which have existed for many hundred years, some of which will now be noted. The greatest care is kept in keeping up correct genealogies of members of this clan. The genealogical registers are called पाँजी pānji, and they are kept up by hereditary genealogists called पाँजी pānji, and they are kept up by hereditary genealogists called पाँजी pānjiyār. Once a year or oftener there are great meetings of these Brāhmans at Saurāth, near Madhubani, and other places, where the panjiyārs assemble and write up the registers. They also arrange marriages after consulting their registers, and give certificates to the parents certifying that the marriage is lawful, and that the parties are not within prohibited degrees of affinity. These certificates are called चिकार माजा adhukār māla or चाउना पत्र asujan patr. The settlement of the conditions of marriage is called चिकार कंगीhānt.
- 1355. When the bride is of equal or higher easte than the bridegroom, the parties meet in a distant place away from both their homes, and the conditions are proclaimed by the panjiyārs present. If, however, the bride is of lower easte, the following procedure is adopted:—

The bride and her family leave their house and going a little distance off erect a महन्मा marhwa for the marriage ceremony. On the day appointed for the wedding, the bridegroom starts from his home with his servants under the pretence that he is going out hunting. None of his relations accompany him, and although they, of course, really know for what he is starting, they pretend to be ignorant. When he arrives within a little distance of the महन्मा marhwa, he stops, and then the sidhānt is proclaimed. By this time the marriage preparations are ready, and the bride's brother comes to him and conducts him to the appointed place. On his arrival at the door the bride's female relatives, each being called for this purpose a fareat bidhkari, eath hold of his nose with one hand, and with the other hold a sheet tied round his neck. In this condition they bring him into the agrai marhwa, and there the marriage is performed.

- 1356. After a time the bridegroom's friends pretend that he has been lost in his hunting expedition, and send a man called the rautra to look for him. He returns shortly afterwards, and informs them that the bridegroom has married so and so, whereupon they all fall to and abuse him. After abusing him they change their minds and reward him.
- 1357. At the marriage a barber ties some paddy in a knot in the bridegroom's waist-cloth (भोती dhoti). This is called जनम गाँड janam genthi. This is not untied until the fourth day after marriage, which is by this sect called the चतुरन्थी chaturthi.
- 1358. Another ceremony is the द्योत dasaut. In this a professional dancer (बहुद्या natua) comes up to the bridegroom and offers him sham sweetmeats (बहु laddu), in return for which he receives presents. After this the bride and bridegroom go into the कोद्याद kohbar to worship the family god. On the way the bride's female relations set up shops of paltry articles, which the bridegroom is obliged to buy.
- 1359. Another ceremony is used ghaskatti. In this the bridegroom cuts some grass for his father-in-law, and in return the latter promises to give him a horse,

CHAPTER IV.—MARRIAGE CEREMONIES AMONGST THE MUSALMANS.

- 1360. The writer is indebted to Kāzi Sayyad Raza Husain of Patna City for the following facts:—
- 1361. Amongst Musalmans there are two kinds of marriage ceremonies,— अर्द (شرعي) sharai and अरन्पी (عوفي) urfi, or religious and ceremonial. The more strict and educated members of the community follow the former, and the common people the latter.
- 1362. الشرعي sharaī marriages are entirely free from ceremonies of any kind. After the betrothal the marriage is performed in strict conformity with the sacred law. The amount of dowry (اعمر) mahar) is not fixed, but depends on the pecuniary circumstances of the parties. Immediately after the marriage, the wife goes to her husband and is settled for life.
- 1363. عرض) (عوني) urfi marriages are not so frequent as they used to be. The spread of education and railways has tended to make people stricter in their religious duties, but, specially amongst the lower

orders, the following ceremonies are still in vogue. In these marriages the dowry (भदर (﴿﴿﴿) mahar) is always fixed. In the cities it is fixed at one lākh of rupees, and in the villages at forty-one thousand rupees and one dīnār. This is the amount of dowry promised by even the poorest people. It is needless to say that it is never given.

- 1364. Arranging the preliminaries, निम्मन (نسبت) nisbat.—The parents first make themselves acquainted with one another's pecuniary circumstances, and the negotiations are carried on through a female match-maker (שווח (مثانه) mushāta). When the preliminaries are settled, a letter of ceremony is sent by the guardian of the boy to the girl's family. This letter is written on red paper, or on white paper sprinkled with red. The carrier of the letter, on arrival at the girl's house, is given sharbat to drink, and detained for a day or two. The reply is written on similar paper and returned by him, and this correspondence settles the marriage question. From this time marriage presents are exchanged between the parties, the boy's guardian making the first present. If at this time any women come from the house of the bridegroom on a visit to the bride's house, the bride will not show her face to them.
- 1365. In some places, before the marriage is decided on the girl's guardians first see the boy. This may be done in two ways: either the girl's people send for the boy to their house, and serve him with betel-leaf, and give him rupees or gold mohars, or else the guardian of the bride sends some relative to the boy's house. There, on his arrival, he is given sharbat to drink, and the first thing given him to eat is sweetened rice (भोडा चावर mītha chāür). This relative reports concerning the boy to the girl's guardians.
- 1366. Betrothal.—This is ਜੱਸ-ਜੀ (κίλιο) mangni. In this the boy's guardian, after consulting with the other party to the contract, fixes a date, on which he sends presents with considerable ceremony. Large coloured earthen pots are filled with sweetmeats and fruits, and sent with a large party. In some places a suit of clothes is also sent. The pots are carried on the heads of maid-servants, who sing songs when they start and when they approach the bride's house. As soon as they arrive they are given sharbat to drink, and while they drink the bride's people sing abusive and obscene songs to them. The persons that supply them with sharbat receive a small present. The maid-servants are also given sweetened rice to eat in a dish covered with silver leaves and pieces of fruit. Sometimes they are given sweetmeats to eat first and then dishes prepared with salt. They are

detained for at least one day. When they leave the bride's house on their return journey, they are given presents in money and sometimes suits of clothes. They are also given a plain ring (wat chhalla), a red handkerchief, and some sweetments as presents for the bridegroom.

- 1367. The letter of promise वादा का रका (وعدة كارقعة) wāda ka rukka.—When the time of marriage approaches, the parties, either orally or in writing, fix a date for it. Afterwards a customary letter of promise is sent, written on red paper and sprinkled over with pieces of gold or silver leaf. The letter is to the effect that such and such a day has been fixed, and that the writer hopes that it will meet with approval. Amongst poor families, the letter is sent in a bag of red cloth or velvet, together with two betel-nuts, some green grass, one or two pieces of turmeric, and a little rice. Amongst rich families, the letter is sent in a silver or golden box. The box is placed inside an embroidered bag together with the betel-nuts, &c. The whole is sent on a silver plate. The letter is always carried by a barber, who is given a handsome present, consisting of cash, clothes, and utensils by the girl's guardian. The guardian sends a reply either through the same man or through a messenger of his own. A tailor is then sent by the girl's guardian to take the measure of the boy's dress. He also gets a present from the boy's people, on going away. The marriage must take place not more than two months after this correspondence.
- 1368. The going into retirement of the bride and bridegroom אוֹם (שֹנֵים) māyūn or אוֹשׁהּה (שֹנֵים) mānjha.—After the interchange of letters, the bride and bridegroom sit in mānjha.—The girl puts on a sheet dyed with safflower, and the women of the neighbourhood and her female relations assemble, and rub her with cosmetics (שִנְיבּשׁ ubtan), singing songs as they do so. From that day the girl sits in a room, and never leaves it except for necessary purposes. She does not see the face of any man,—not even of her father or her brother. She eats only milk and fruits, and every day the barber's wife comes and applies cosmetic to her. In the meantime the boy is undergoing the same treatment. He wears similar dyed garments, is surrounded by females, and cosmetic is rubbed on his body every day. In South Munger he does not thus go into retirement.
- 1369. The ceremony of the grindstone—चन्नी chakki—and the washing of the pulse—दाख मोद्दे (دال شري) dāl shoï or दाख भोद्दे dāl dhoï.

Two or three weeks before the marriage a grindstone is put in one of the rooms of the female apartments of both the houses, which has been previously well cleaned. The following day a number of women assemble and singing, accompany the maid-servants who carry some mūng (phascolus mungo) to a well or river. Arrived there, they joke and sprinkle water on each other, while washing the grain. They then bring it back in the same way. It is dried in the sun, and ground into flour on the grindstone by seven women whose husbands are alive (चांचाणिन sohāgini). It is then made into a dish called बरो bari for the ceremony of कड्डा (धंट्राह्म) kandūri (see § 1377).

- 1370. The cutting of the clothes.—This is called किंता पारन्या (قطع پارچه) kita pārcha, and takes place in the bridegroom's house. Men and women are invited, songs are sung, and the tailor cuts out the marriage dress of the bride. When it is cut, all the men present congratulate the boy's guardian, and give the tailor a small present.
- 1371. A similar ceremony takes place in the bride's house on the day of the marriage procession. There the bridegroom's wedding garment is prepared, and when it is being despatched to him the male friends of the family assemble under a canopy in the female quarters. A few stitches purposely left unfinished in the bridegroom's drawers are then completed by the tailor, who gets some small fees from those present. This ceremony is called হাজ (or, in South Munger, সামা) হয়াৰ (আৰু প্ৰথম (আৰু প্ৰথম) sāj (or jāma) beotab.
- 1372. The vigil— the state of the house is placed in the houses of both parties. A spot in the house is washed, and a small wooden stool is placed therein. A new water-pot is placed on it, and is covered over with a new earthen cover. A red handkerchief is then tied on it. A garland of flowers is then placed round the neck of the pot, sweetmeats are cooked, and hymns sung entreating God to bless the bride and bridegroom. The women sit up the whole night near the water-pot, thereby intending to keep God awake. At dawn the sweetmeats and first () riham* and sharhat are offered to God. They are then distributed among the people.
- 1373. The erection of the canopy—सायाबन्दी (سایه بندی) sāyā-bandi or महत्त्वा mañrhra.—This takes place the day after the last ceremony. A canopy with four bamboo poles is erected in the female quarters. First, brown sugar is offered to the saint named Shakarganj, and then garlands are tied to each pole of the canopy. When the ropes of the canopy are being tied, the sister of the bride or bridegroom,

^{*} Rice-flour mixed with clarified butter, sugar, and milk, and made into balls.

or any near female relation of the father of either, comes in and stops the work. The persons employed are not allowed to proceed till they have promised to pay her a sum of money. When the canopy has been safely erected, a paste of sandal powder is rubbed on the faces of those present. In some places, after the erection of the canopy, a goat or a cow is sacrificed in memory of the saint Shaikh Abdul Qādir Jilāni, (شيغ عبدالقادر جلاني). The flesh of the animal sacrificed is cooked on the spot where it was killed, with rice and gram, in new earthen pots. When cooked, it is offered in the name of the saint, and then eaten.

- 1374. The same night another ceremony takes place. A potter is ordered to make a small water-pot. This is coloured and painted with figures of horses and elephants. It is called again kalsa. It is placed in the courtyard and covered with an earthen cover, on which ears of rice and mango leaves are put. A four-wicked lamp (structure) is kept burning on it every night. This pot is neither opened nor removed till the marriage ceremony is over. When it is first deposited, the women sing a song over it, the purport of which is, "We have shut up storm, rain, serpents, scorpions, and worms herein."
- 1375. On the same night another ceremony, called विषय तन (בְּשָׁל נִישׁ) chihal tan (forty persons), takes place. A number of beggars who play the drum and fiddle are invited, and towards the end of the night a pit, four or five feet wide and two or three feet deep, is dug under the canopy. In this pit large billets of wood are burnt, while the beggars play and sing hymns in honour of the same. When the fire begins to burn brightly, they one by one fall upon it and extinguish it with their bare feet. Sometimes they carry the bridegroom in their arms while performing the ceremony. When it is over, fried gram and fried wheat mixed with sugar are offered to the forty saints.
- 1376. The song of Balaimiyan.—This is called पौर का नजा (پير النيزة) pīr ka naija, or बाखें सीयाँ (שֵׁלֵם bālai mīyān. Next day the females of the neighbourhood are invited; a spot is washed beneath the canopy, and the green branch of a mango tree with leaves on it (or sometimes simply a wooden stick 3 or 4 feet high) is erected therein. A red handkerchief dyed with safflower is spread over it. The women then sing the song of Bālai Miyān. At the same time an बांख्या ankhiya* is put in a new earthen pot, offered to the saint, and then distributed to the people.

^{*} A kind of cake made of wheat-flour and rice-flour and boiled in water. It is shaped like the eye, ānkhi: hence its name.

1377. Offering to deceased elders.—This is called केंद्ररी (کنوروي) kandūri or बीबी के सदाबाद (بي بي کي صحنک) bibi ke sahnak, and takes place on the same night as the last ceremony. An earthen fireplace (भूक्रा chūlha) is prepared at home and placed beneath the canopy. maid-servants go singing to fetch water, carrying several water-pots covered with red cloth, and accompanied by musical instruments. They must be married women of good character; they may not be widows, or women who have married twice. In the water which they bring, rice, gram, mung (phaseolus mungo), fruits of the egg-plant, and pumpkins, &c., are cooked. When cooked, first the rice is distributed on earthen plates, then on it the pulse, then a little tyre prepared specially for the occasion, and then the vegetables and cakes. On each plate one betel-leaf and one garland is laid. In some places only rice, curds, and sugar, are put on the plate, and this is called मोडी मंद्री mithi kanduri. These plates are prepared in great number, and have been previously kept in a room washed for the purpose the plates are offered, first one in the name of the prophet, then one in the name of his daughter Bibi Fātma (فاعلمه), then one each in the names of many saints, and then one each in the names of the deceased members of the family, so far as they can be remembered. Great care is taken to make offerings in the name of all of the last. After this the females of the neighbourhood and those related to the family who have been invited assemble in a place in the courtyard (चाँगन angan) of the house, which has been well washed for the occasion, and sing songs in the praise of Bibi Fatma, and eat the offerings. No woman who has been married twice, or who is unchaste, dare eat out of these sacred plates.

1378. The anointing.—तेन चड़ाप्य tel charhāëb.—This takes place in the houses of both the bride and bridegroom the day after the last ceremony. Each is made to kneel down on a wooden bench (चौकी chauki), and a yellow cloth is thrown over him or her. Then seven married women (चौचािर्मिन sohāgini) tie up seven cakes (एडानी suhāli* and पौडा pitha) in a yellow handkerchief, and wave it round their heads. Then they anoint the whole body of the bride or bridegroom with oil. A small bundle is made up of mustard seeds tied up in a piece of yellow cloth, and then tied on the arm of the bride or bridegroom. This is called कॅगन्ना चाँचन kangna bāndhab.

^{*} A cake made of flour and turmeric and fried in clarified butter.

- 1379. The marriage procession.—This is struct bariyat, &c., as amongst Hindus; see § 1290. When the time for the departure of the bridegroom's marriage procession draws near, the maid-servants of the bridegroom's house go out, singing songs, to fetch water. On their return they are stopped at the gate by the musicians, who refuse to let them pass till a present has been made to them. The water is placed under the canopy, where also a small stool is placed. The male members of the family assemble there, and, as songs are sung, the brother-in-law of the boy, or any near relative, digs a pit there. This is called 'digging a pond,' पोखन्रा खोदव pokhra khodab. He also gets a present for doing this. The bridegroom then bathes at this place, and puts on his wedding garments, consisting of (a) coloured drawers, (b) a kind of overcoat (जामा (جاما) jāma) dyed with the safflower, or made of प्रकरङ्गा ekranga or of brocade (चमावरी (اساري) asāwari), (e) a white turban covered with a red cloth, or a red turban, (d) a garland of flowers, and (e) a handkerchief carried in the hand. He then mounts on horseback, and visits first the grave of some saint, where he makes an offering of sweetmeats, and then the village imambara (इसामन्बाइर (امام باق)),* where he makes a similar offering. He then starts for the bride's house, and on approaching it he pays similar visits to the tombs of saints and the imambara there. In the meantime the bride has also bathed, put off her माँका mānjha dress, and put on another which has been prepared either in her own house or in that of a relative.
- 1380. When the time for the arrival of the bridegroom approaches, the bride's maid-servants set out on the road on which it will come, carrying with them rice soaked in water and a newly-made ladle (six doi), to which is tied a piece of red cloth. They stop at a well or a river, lay the ladle down on the ground, and cross over it one by one, eating the rice as they do so. They then dig up a factor chirchirat shrub which they had previously noted, and carry it home, singing songs. The root of the tree is ground up and made into pills, which are administered to the bridegroom on the night of the sagrat jalva (§ 1384).
- 1381. The sending of presents.—This is called বাৰক (আৰু sāchak. Before the arrival of the marriage procession a ৰবী bari is sent

^{*} An imāmbāra is, according to Bihār tradition, a building erected in honour of the celebrated martyr Imām Hassan, the grandson of Muhammad.

[†] Achyranthus aspera, said to be of sovereign virtue to one bitten by a venomous reptile or stung by a scorpion, &c.

to the bride's house. This word has two meanings, viz. (1) a dish of cooked pulse, and (2) that here referred to,—all the following presents taken together. It consists of:—

- (1) Dresses for the bride, of from one to twenty-five suits. The first suit, or wedding dress (বীৰ ই ভাইন rit ke jora), is also called the আহ্বান (১০৯৯) shāhāna or royal suit. It is not worn after the fourth day, of the ceremony. It consists of a pair of long drawers of satin cloth and a আমা jāma (see above) of brocade, tasar silk, or তুক্ত দাং ekranga. A second suit, also of fine materials, for the fourth day is called the হীয়া ভাইন chauthi ke jora; and a third suit, for the tenth day, হ্ৰহ্মা ই ভাইন dasahra ke jora. Each suit is of less value than the preceding one.
- (2) The chaplet, fa פיין (שירו) sihra, for the bride.
- (3) Some raw thread dyed with safflower. This is called **দারা**nāra or কলাবা (*, *) kalāwa, and varies in amount
 from one or two chhatānks to a maund.
- (4) Some otto of spices, चोचाग के चतर (سهاک کا عطر) sohāg ke atar.
- (5) Sweet-scented oil.
- (6) A cone-shaped basket (called ভাষান মুহা sohāg pūra) of bamboo, covered with red paper and containing ছন্ত-ছন্তা chhalchhabela, নাম দীয়া nagar motha, দাভ ছন্ত bāl chhar, the bark of the bay-tree (নজ taj), cardamons, sandal-wood, grains of musk, nutmeg, mace, saffron, cassia, turmeric, &c.
- (7) Sweetmeats.
- (8) Fruits, viz. almonds, pistachios, grapes, dates, cocoa-nut kernel, &c.
- (9) Spices for betel.
- (10) Fifty-two water-pots. These are small in size and are gaily coloured. In each a little rice, some betel-nuts, and some mango-leaves, are put.

These things are carried on the heads of maid-servants in procession in trays, accompanied by torches, music, and fireworks. First comes a large tray carrying the royal robes, then small trays, on each of which is placed another suit, and then the rest. The whole is covered by a long piece of cloth called **constant** daljhakna.

- 1382. In the meantime the bridegroom's dress is despatched from the bride's house, with a tailor, to meet the procession. The dress consists of a red with jāma (see above), long drawers of silk often worked with gold and silver flowers, a turban covered with a red handkerchief on which is laid a garland, and over this a very thin handkerchief, called water (asign) magna or veil, and a red handkerchief, for him to carry in his hand. When the bridegroom is clothed in this by the tailor, he gives the clothes in which he has travelled so far to the barber, who follows the bridegroom, carrying an umbrella over his head. Then the ceremony of fasts (asign) nikāh or religious marriage is performed, and dates and sweetmeats distributed to the assembled guests.
- 1383. After this the bridegroom goes on horseback to the bride's house with great pomp, accompanied by a large party of men with torches, fireworks, and music. When they reach the house, all the men remain standing outside, while the bridegroom enters the female quarters of the house either on foot or horseback. There he sits on a wooden stool (which is given him in dowry), and his mother-inlaw (or if she be dead, some other female relation of the bride) comes to him carrying a plate containing a small lamp made of flour and a little weren arwa rice. She warms her hand at the lamp, and then touches the cheek of the bridegroom. While she is doing this, a woman comes and whispers in his ear the following Hindi verse " मोने में मोचागा, खर्द में तागा। चो दुलन्दा का मन दुलन्दिन से लागा॥ sone men sohāga, sūr men tāga o dulha ka man, duthin se lāga, i.e., borax* in gold, a thread in a needle, and the bridegroom fell in love with the bride." Then six married females (सोसागिनि sohāgini) and the mother-in-law alternately touch the cheeks of the bridegroom with the star area rice. He is then given some sharbat to drink. This is prepared in various ways: sometimes the wet hair of the bride after she has bathed is dipped into it, sometimes a small piece of sugar is put into her hand till it becomes moist with the perspiration, and then the sharbat is made of it, and sometimes it is made of a piece of sugar which she has taken into her mouth and orushed between her teeth. Then the bridegroom stands on the wooden stool, and a maid-servant carries in the bride in her arms, and touches the back of the bridegroom with her feet, and takes her away: then the bridegroom returns to his own party.

^{*} Borax is a flux for melting gold.

1384. The sagrent jalua.—The day after the arrival of the procession, milk, a dish called אולבנג) malida or sweetmeats, and sharbat, are sent from the house of the bride to the bridegroom's party. The Helica malida or sweetmeats are put into the milk and drunk by the bridegroom out of a cup of silver or copper, which is given to him afterwards in dowry. Then the others drink it. The same evening maid-servants come from the bride's house singing songs, and take . away the procession umbrella, and under its shade seven married females grind the spices which came in the भोषा पूरा solay para, and when ground, apply the powder to the hair of the bride which they also tie with the argi nāru or string which came at the same time. The scented oil is also applied to her hair. Then the bride puts on the royal dress, a garland of flowers, the chaplet चिच्या (silva, and a veil, which is thrown over her face. She takes off all the ornaments of her maidenhood, and puts on new ornaments sent her by the guardians of the bridegroom. Black powder (जिस्सी missi) is applied to her teeth, and she is adorned in every other practicable way. During the day, it may be added, myrtle leaves have been applied to the soles of her feet to make them red. When she is ready, the bridegroom is sent for. and he comes walking, preceded by a maid-servant walking backwards, and carrying a plate on which is a burning lamp, so arranged that the smoke is thrown towards the bridegroom. When he reaches the gate of the female quarter of the house, the mother of the bride, or (if she is dead or a widow) any other married woman, meets him, and conducts him inside. The manner of doing this varies in different places. Sometimes the mother carries in her hand a plate in which lamps made of flour or silver are burning, and the wicks of which are of red cloth. A small quantity of the red thread (नाड़ा nāra) already mentioned is also laid on the plate. She walks backwards with her face towards him, and at every step throws down a piece of thread, and asks the bridegroom to pick it up and lay it on the plate. In this way, and at the same time touching his cheeks with her hand warmed at the lamp, she takes him into the inner yard, under the canopy. In other places the mother-in-law gives him betel to chew, which he bites and throws away.

1385. When the bridegroom comes under the canopy he sits on a wooden stool near a bed. As long as he stays there his sister (or, in her absence, a maid-servant) spreads a portion of her cloth (under sarri) over his head. Then the match-maker (unit (ablac) mushata) throws a string round his neck, and pulling it gently, refuses to

let it go till she is paid something. A cloth is then hung between the bed and the stool, and the match-maker (who has also had charge of adorning the bride) makes her stand on the bed in such a way that the bridegroom can only see her face. She then places the two hands of the bride on her (the bride's) forehead, and moves the bride's head this way and that way. A coloured handkerchief, in which is tied rice and turmeric, is then given to the bridegroom, who throws it on the bride, and each time he does so he is given a betel leaf in which pieces of the root of the चिरन्चिरा chirchira shrub already mentioned are wrapped up. This moving of the head and throwing of the handkerchief is repeated seven times, and the ceremony is called जालाना देव (اجلوة دينا) julua deb. The bridegroom then sits on the head of the bed, and the match-maker takes off the chaplet and veil from the face of the bride and shows it to the bridegroom, who for this favour gives her a present, and at the same time receives presents from the female relations of the bride. Sometimes, after this is done, a cup containing sandal-wood and a finger-ring of silver, which has a small cup made in the place where there is usually a stone, is given to the bridegroom, who, after dipping the ring into the sandal-wood, touches the forehead of the bride with it. In other places vermilion () senur) is used instead of sandal-wood.

- 1386. Then the wife of the bride's brother, i.e., the bridegroom's ধ্যাৰ (ক্রু) sarhaj, comes and sits on the bed, and throws little balls of flour at the bridegroom, who does the same to her. This ceremony is called লাঁহ ইবাৰ gend khelab. A maid-servant then carries off the bride in her arms, followed by the bridegroom, who catches hold either of a corner of the bride's sheet (ব্যু chaddar) or her finger.
- 1387. It must be noted that throughout all these ceremonies the bride has kept her eyes shut, and never moves on foot, but is always carried in the arms of a maid-servant.
- 1388. The bride and bridegroom are then made to stand in an outer room (द्वाम dalān), and in the hands of both a little rice is put, but the hand of the bride is turned backwards. They are then caused to toss their hands up in the air, by a maid-servant, and thus the rice is scattered through the house, and the bride says at the same time that she is filling the house of her father and mother. The bridegroom also says that he is filling the house of his father and mother-in-law. This ceremony is called at att ghar bharab. The bride is then carried

off to a well-furnished room, where the bridegroom takes off her shoes with his own hands.

- 1389. The departure of the procession.—This is would (cial) rukhsati, and takes place on the third day after the above-mentioned ceremony. The bridegroom is called into the female apartments, and he and the bride are given rice-milk with (khīr) to eat. He affects displeasure, and refuses to eat with her. The mother then makes him a present, and he consents to do so. Then the bride and the bridegroom sit together on a carpet, and a small piece of sugar on a betel-leaf is placed first on her head, then on her shoulder, then on the palm of her hand, then on her knees, and lastly on her feet. The bridegroom is pressed to pick up the pieces of sugar from each place with his mouth, or at least with his hands. This coremony is called with about nabāt chūnab.
- 1390. When the bridegroom goes off to his own house with the bride, she is carried in the arms of a maid-servant, and keeps her eyes shut till she reaches the court-yard of her husband's house. The sister of the bridegroom first meets her with a jug of water and washes her feet in a plate, which she (the sister) keeps as her perquisite. After this the ceremonies of ut hte ghar bharab and नवात चूनव nabāt chūnab are performed again in the bridegroom's house.
- 1391. The ceremony of the fourth day.—'This is चौथी chauthi or चौथारी chauthari. It takes place on the fourth day after marriage, i.e. on the day after the arrival of the bride and bridegroom at the latter's house. The bridegroom takes off the thread area with which the hair of the bride had been tied. The women of the family then bathe the bride in the female apartments, singing songs at the same time, and the bridegroom himself bathes outside. Sometimes the bridegroom also bathes inside. The bride then puts on her dress made for this day (see § 1381), and the bridegroom also puts on the dress given him by his father-in-law. The bridegroom then enters the female apartment, and joins in the ceremony of squijua, or gambling. Seven spotted shells (चिनी कोड़ी chitti kauri) and a necklace (चन्दन दार chandan hār) are thrown up in the air. A maidservant extends the bride's hands, and the bridegroom his own, and both try to eatch the falling necklace. The one who succeeds wins the game.
- 1392. Two or three days after the arrival of the bride in the bride-groom's house people come from her house to take her back. The bride's

younger brother and other relations may form some of the party, but not elders, such as the father or uncles. They bring with them presents of sweetmeats, rice, pulse, a goat, &c., varying in quantity according to means. Two or three days afterwards they return with the bride and bridegroom.

1393. The ten days' stay.—This time the bridegroom stays nine or ten days in his father-in-law's house. This stay is called the **ENTITY** dasahra khāna. On their arrival a room is made over to the bridegroom in the female apartments, and the bride is made to walk into this room accompanied by her female relatives and those of her husband, all singing songs. This is the first time the bride is allowed to walk since the commencement of the ceremonies. Up to this she has been always carried about. When the bride approaches the bridegroom in this room, he is expected to salute (**Nature** salām) her. If he does not do so, showers of abuse are poured upon him.

This concludes the wedding ceremonies.

CHAPTER V.—BIRTH CUSTOMS GENERALLY.

- 1394. An adopted child is amongst Musalmāns मोतन्सद्वा (अंदर्भ) motmanna. Amongst Hindus he is पालक pālak, पोसन्प्रत posput, or पोसन्पालक pospālak. Local names are पोसन्बेटा posbēta or पोसन्वालक posbālak in the south-east, and करन्ता पुतन्र karta putr in East Tirhut. To adopt a child is पोसिया छेच posiya leb, गोद लेव god leb, or रास पर लेव rās par leb.
- 1395. When a woman cannot suckle her child, owing to pains in and hardness of the breast, she is called धने विद्याची thanailiyāhi. Inability to suckle on this account is धने की thanaili. When a child is not well nurtured owing to the untimely death of its mother, or to her milk running dry, it is called दुधन्दद्वा dudhtutua or दुधन्दद्वा dudhtutua. In South Bhagalpur it is बक्कन्दा kalra.
- 1396. A seven-months' child is सतःवाँस satwāns or सतःवाँस satwānsa generally; also सतःवाँस satwānsu south of the Ganges, सतःवास satmās in North-East Tirhut, and सतःवास satmasua in South-East Tirhut and South Bhagalpur. An eight-months' child is भावःवाँस athwāns generally; also भावःवाँस athwānsu south of the Ganges, भावःवास athmās in North-East Tirhut, and भावःवास athmasua in South Bhagalpur.

- in Shahabad and प्रकृतियाँ ekauniyān in South Bhagalpur. A first-born child is पद्भीट्या pahilautha. The youngest child, i.e., the last which a woman has, is called पंटापाँ हुआ petponehhua or कार्या हुआ korponehhua. When a girl is born after three boys (which is considered very lucky), she is called a तेनर tetar, and she is even often named नेनरी tetri. In the south-east, however, a girl born after two and not after three boys is so called. A child whose elder brother is dead is called मराम marāchh, or मरमा marachhwa, or (in South Bhagalpur) मरोमा marochha, and (in North-East Tirhut) मन्दे machhai. Such children are treated and dressed as girls, sold to the midwife for a few cowries, and brought back again and given opprobrious names, in order to induce the demon of death to think them of small account and not worth killing.
- When a woman has a child every year she is utenta 1398. barsain, or in South Bhagalpur बरसनी barsaino. A woman with only one child is प्रकीं क ekannj, or to the east काक बच्का kak banjha, or करिया बाँक kana bānjh. The latter name is said to be derived from the children's game of आग दुवस kāg durus, or "odd or even." In this game one boy guesses whether another has an odd or even number of cowries in his hand. If he guesses an odd number he says काम kāy, or if an even one दुवस durus. Hence काम kāg means an odd number, and specially 'one.' A barren woman is घाँभ bānjh, बाँभ बिह्ला bānjh bahila, or (in the south-west) वाँभिन bānjhin. A woman after delivery, until the purificatory ceremonies are performed, is अलन्वाँती alwanti or परन्तीती parsauti. The lying-in room is north of the Ganges चोद्दी soiri, and to the east also चोण्ड soer. South of the Ganges it is सीर saur, सीरी sauri, or जञ्चा खाना jachcha khānu. In this a fire is kept burning for ten days after the woman's delivery. This fire is known to the north-east as अगियासी agiyāsi, and in South Bhagalpur as पोड़ा pora. Elsewhere it is पर्वंघी pásanghi, with a variant परंगी pasangi in the south-west and in South Munger.
- 1399. The presents given to a woman in a state of pregnancy are known as उपोर sadhor. In South Bhagalpur such presents are given after delivery, and are called उत्तरिंग sathora. अवन्यानी achhwāni is caudle given to a lying-in woman to produce milk. It is also called जारोर sothaur in the north-east and जारोरा sonthaura in Gaya and the south-west. Another name current in the north-east is

चन्न adhrassi; in South Munger it is करावा kadwa, and in South Bhagalpur चारो गूड़ ādo yūr. The longing of a pregnant woman is दोदद dohad or मन-चल्लव manchalab. The earthen cakes which she is fond of eating when in this condition are called चन्द्रा khapra.

CHAPTER VI.—CEREMONIES PECULIAR TO THE BIRTH OF A HINDU CHILD.

- 1400. When the labour pains commence, the चमाइनि chamāini or That chamaini, i.e. the native midwife, is sent for. She is also called द्यानीय or द्यानीय dagrin. On her arrival she puts a finger-mark (ztar tika) of vermilion on the wall. This ceremony is called sorāri, and is supposed to hasten the delivery of the child. As soon as the child is born, the midwife washes the forelock (we lat) and feet (गोर yor) of the mother, which operations are called खडाधीबाद luldhoāi and गौरन्धोचार gordhoāi respectively. She gets a fee (नेग neg) for doing this. The child's navel-string ($\pi \pi n \bar{a}r$) is then cut. If the child is a मराक marachh (or भरकन्या marachhwa), i.e. if the child which was born before it from the same mother is dead, the navel-string is all thrown away. Otherwise it is buried in the floor of the lying-in room. and over it the fire (परंघी pásanghi) is placed. The latter is called in South Bhagalpur पगन्नी pasni or चूर ghūr. The child's body is then rubbed with कोडन्यार kothwar, which is the dust of a sun-dried granary (कोडी kothi), in order to take off the feetal excretion (कावर jawar or smar jamuar). The midwife's fee for cutting the navelstring is wittatit narkatāi or attatī narkatāi.
- 1401. When the child's body has been thus rubbed with dust, it is bathed in lukewarm water, and then the midwife throws it up in the air and catches it again five times. This is called ভবিয়া ভাষাত্ৰ larika lokāëb. At the same time another woman strikes a brass dish (धारी बजाएम thāri bajāëb), and the mother holds in her hand a handful (बंबरी anjuri) of grain, which last is the perquisite of the midwife. The afterbirth (ভिकान lijhri or बार प्राच nār purain),* &c., is then thrown away in a vessel called खपरीर khapraur or (in Gaya) खपरीही khaprauri, for which the midwife receives a fee called खपरीर फॅकार khapraur phenkāï.
- 1402. Two or three days after the birth, when the **प**ন্থাছিল prohit or family priest has fixed on a lucky day, the ceremony of মহাৰৰ

^{*} The after-birth of an animal, as distinguished from that of a human being, is **T jhar or **TT jhar.

nahāwan is performed. This consists in नीम nīm (azadirachta Indica) leaves being boiled in water, and both the mother and child being bathed with the decoction. Then a handful of seeds of TT rāi (mustard, sinapis racemosa) and जैवाँदन jeñwañin (dill, ligusticum ajowan) is waved (নিছাৰৰ কৰে nichhawar karab or আঁকৰ aunchhab) round the mother's head and thrown into an earthen cup containing fire. When the seeds are consumed, the cup is upset, and the mother breaks it with her left foot. Then she sits with grain in her hand, while the brass dista is again beaten, and the midwife again throws the child five times in the air. This all takes place in the court-yard of the house, and is done to avert the evil eye. It is the first day on which the mother comes out of the lying-in chamber. The same day this chamber is plastered over with fresh mud, amongst the rich by a maid-servant, and amongst the lower classes by the husband's sister ननद (nanad), who gets a fee for this, called सोदरी सिपाद soiri lipāi or (south of the (langes) सीर लिपाइ saur lipāi. The same day the washerman takes away the lying-in clothes (agrican a autor chhutka ke kapia), and washes them. His fee for this is called ga-at chhutka.*

- 1403. The next day after bathing, the barber pares the mother's nails, which ceremony is called नोचन्द्रकी nohtungi or नचन्द्रकी nahtungi, and his fee is known as नोचन्द्रगाद nohtungai.
- 1404. On the seventh or eighth day, when the mother is first able to cat rice, the ceremony of eight signal kheürhi jorāëb is performed. A hole is dug in the ground, into which milk and water are poured. The mother sits close to it, and eats her first dish of cooked rice. From this day collyrium (sist kājar) is put on the child's eyes. Before this, when oil was rubbed on the child's body, the child had been laid on its back during the operation, but henceforward it is laid on its face for the application. From this day, also, the mother gets a bed to sleep on. Up to this day she had been fed only on caudle and on a mixture of oil, turmeric, and molasses (steel at hardi gār).
- 1405. On the twelfth day the ceremonies of दोनी काँकव donni jhānkab and कडी chhathi are performed. Sometimes the latter ceremony is omitted. In the former, five दोनी doni or दोना dona, which are a kind of platter, are prepared of leaves of the jack-tree (कड-घर kathar). In these cakes (पूरी pūri), rice milk (खीर khir), &c., are placed. Sometimes the leaf platters are omitted, and rice milk, &c., is simply laid

^{*} The washerman caste is considered an unclean one because its members touch these garments.

on the ground over the eakes. Worship is then performed, and the articles eaten.

- 1406. The was chhathi or was chhathi ceremony is also called in Tirhut was that chhathiyar or was chhathi. As its name indicates, it should properly be performed on the sixth day after birth, but this rarely occurs now-a-days. When it is held on the twelfth day it is also called was barhi. In this ceremony a kind of square marked with diagonals and made of cowdung is fastened on the wall. At every corner and intersection cowries are fastened, and the whole is painted with vermilion, and cakes, &c., are laid before it. The child is then oiled, has collyrium applied to its eyes, is wrapped up in a cloth, and placed before it. It is then dressed in new clothes, and rings (was kara) are put upon its arms and feet for the first time, and some money put into its hand. On this day also the child is named, and the relatives are fed.
- 1407. The ceremony of purification performed on the fortieth day after birth is called चित्रा chhilla. In South Munger a similar ceremony takes place on the twentieth day, and is called चमन्दीरी basdauri. The ceremony of first feeding the child with rice is called चमन्दारम anprāsan, also (south of the Ganges) चिराचियाद khirkhiyāi and चिराचदाद khirchatāi. In Gaya it is निमक चरी nimak chasi, and in South Munger च्यानम chatāwan.

CHAPTER VII.—BIRTH CUSTOMS AMONGST MUSALMANS.

- 1408. The navel string (बार nār) is cut by a चमें नी chamaini, and the child is then bathed गोचल कराण्य (غَسَلَ كُورَانَ) yosal karāčb. Sweet-meats are then consecrated (नियाज करव (نَيَازُكُرِنَّ)) niyāj karab) in the court-yard by the male members of the family, and the milk of a respectable and virtuous woman is given to the child in a shell (चित्रा situha). This ceremony is called दुष-पिजार dudhpilāi. The people are then called to prayers by striking a brass pan (चारी thārı) with a stick, and this custom is called वन चल्चात (بن علوات) ban salvāt. In South Munger it is called वाँग चल्चात bāng salvāt.
- 1409. The lying-in room, in which the mother (परामीनी parsauti) is, is always kept warm with an अंगडी angethi or movemble stove, and is called चौरी sauri, &c.; see § 1398. Caudle (पकानानी uchhuāni) is given to her to produce milk, and oil mixed with turmeric and molasses is given to her to make her strong. This last mixture is called परादी पूर hardi

- $g\bar{u}r$. Until milk flows in the mother's breasts, the child is wet-nursed with the milk of the woman whose milk was given to it immediately after it was born.
- 1410. On the third day the mother and the child are bathed and dressed in new clothes, and the women of the neighbourhood come and sing songs, and receive oil and vermilion. Up to this the mother has had nothing to eat except the caudle and the mixture already mentioned, but now she is allowed to eat food and to sleep on a bed.
- 1412. The fees of the midwife (चमेनी chamaine), of the washerman, and of the barber, are all known as परन्सीनी के कमाद parsauti ke kamāï.
- 1413. On the same day the lying-in room is plastered over with mud plaster. This operation is known as सोप्र जिपाद soër lipāi.
- 1414. On the fortieth day the consecration ceremony (नियाज (نياز) niyāj) is again performed, and the relations are fed.
 - 1415. Circumcision is खनन्तर khatna or सम्म sunnat. See also § 386.

CHAPTER VIII. - DISPOSAL OF THE DEAD AMONGST THE HINDUS.

1416. The burning of a corpse is दाइ देव dāh deb, चानि देव āgi deb, दम्भ कर्ड dayadh karah, or जार्ड jārah. In North-East Tirhut it is also चँकार देव sanskār deb, and in the south-east जराप्रव jarāëb. When a Hindu dies he is taken out of the house and placed on a bier. A bier is रची ranthi generally; also दिकची tikthi in South-West Shahabad, टाटी tāti in the east generally, टाट dhāth in North-East Tirhut, फड़की placki in South-East Tirhut, and चचरी chachri in South Bhagalpur. Sometimes he is simply placed on a bed (चरणाइ charpāi or खटिया khatiya). Four men, who are called मजिन्न के जानिचार majil le jānihār, or in South Bhagalpur कन किया kankathiya, earry the bier on their shoulders and set it down on the ground outside the village. This is called नगर विसन्तें nagra bisrāñur and is done in order that the people who are to accompany the corpse (who are called मजिन्दा majitha) may collect.

- 1417. After the departure of the corpse from the house the walls of the latter are plastered over with fresh plaster, and outside it are placed a stone, cowdung, iron, fire, and water for the wealth majiliha to touch on their return from the cremation.
- 1418. The four men who carried the bier take it on, when the people have collected, to the place of cremation on the bank of a river. This place is called अध्यान asmasān, or स्राइन्डिंग murdhatti north of the Ganges. In North-East Tirhut it is समन्याम samsān. South of the Ganges it is विराद chirār or विरादी chirāri, or to the South-East मरम्ब्डिंग marghatti or स्राविधा murghatiya. In East Tirhut it is also called सरम्बट marghat or स्राविधा murghatti. They then bathe the corpse (नियापन nahwāëb or अधानाम करापन asnān karāëb). The heir or chief mourner (कराना karta) then has his head, beard, and moustaches shaved (भद्रा करापन bhadr karāëb), and puts on a dress of mourning (जनारी utri or कपानी kaphmi). He then dresses the corpse in new clothes, viz. a waist-cloth (कका kachchha) and a sheet, washes its mouth, and then with the assistance of the other men places it on the funeral pile. To dress a corpse in this way is कफानापन kaphnāēb.
- 1419. A funeral pile is चिना chita generally, also चैनी chaiti in Gaya and TITI sāra in Patna and the south-east. To prepare it a trench is dug in the form of a cross and four pointed logs (ver khuntu) are driven into the ground at each end, and between them the logs of wood are piled. When the corpse is placed on the pile, the chief mourner (करना karta) anoints its mouth with a mixture of सुगुल quaul (gum of the amyris agallocha), barley, incense (x dhūp), waternut (मखाना makhāna), honey, sesamum, and sweetmeats. He then buys fire (चागि मोल जेब āgi mol leb) from a डोम Dom (some, however, take fire from the house), and with it lights a long torch (at lūka). He then walks round the corpse five times, touches its lips each time with fire (पच-कर-मा pachkarma), and sets fire to the pile (दगध करत dagadh karab). When the body is nearly burnt, each of the persons present throws five sticks into the fire. These are known as पच-कडिंबा pachkathiya north of the Ganges; in Gaya and the south-west they are पँच चागि panchāgi or पँचचगिन panchagin; in Patna they are पँच खन ही panchlakri; and in the south-east as पचन्काट pachkath or पचन्काटी pachkāthi. When the body is nearly all consumed, the fire is put out (पानि देव pāni deb) with handfuls of water, and the remaining small unburnt portion is thrown into the river for fishes and tortoises (सहत्वह सा machhkachh la). They then wash the place where the body

was burnt, and the chief mourner (करन्ता karta) plants a tulsi tree near by, and writes on the ground the words राम राम rām rām.

- 1420. They then bathe at another landing-place (\(\mathbf{q}\tau \text{ghāt}\)) and sit down. Then the \(\mathbf{q}\tau \text{n} \text{larta}\) gets up first and walks towards home, followed by the others. When they arrive at the door of the house, they touch the stone, cowdung, iron, fire, and water already mentioned, and then their left ears, each with the little finger of his left hand. This ceremony is called \(\mathbf{q}\tau \text{q}\tau \text{s}\tau \text{larta}\) hathi utārob. They then separate. Some castes, however, instead of performing this ceremony, simply bite a piece of bitter nim leaf, and then go home.
- 1421. Offerings are sometimes made to the manes at the time of cremation, and these are called in South Tirhut অভ্যান বুলা asmasān pāja, or উভাবিজ্ঞা panchpinda.
- 1422. The day after the funeral the करन्ता karta goes to the place of cremation, and pours on the site of the pile a little fresh milk. This is called चिता चेराप्य chita seraeb. He then comes to the village pipal tree, where he finds the barber and the family priest (पन्रोडिन prohit) waiting for him. The former has some fresh milk, and an earthen vessel (कंटिया kantiya) carried in a sling (चिकन्दर sikhar) of कूँ munj rope. There is a hole in the bottom of the pot, partially stopped up with a plug. The karta haugs this up on a branch of the tree, so that its contents will drip out through the hole on to the root. He then fills it with milk and water and covers the vessel with an earthen cup (इकरनी dhakni). He then goes round the tree three times, and goes home. The whole of this ceremony is called घष्ट टाँगव ghant tāngab. On reaching home he feeds his relatives with rice-milk and urid pulse, and himself eats off a potsherd (eq. khapri). Before commencing to eat, each person places a small quantity of rice and milk from his platter (पणल pattal) apart on another platter. This is called पणा काइब ruāh kārhab, and the whole ceremony is called दुधनाँ इ dudhmuāh or द्रधन्मुंची dudhmuñhi, and also दुधी dudhi in South-East Tirhut.
- 1423. The same evening and every evening up to the tenth day (द्वानी daswān) after the death, the attal lights a lamp made of mud and placed on the top of a stick. The first day it is placed at the spot where the deceased died. The second day at a little distance from it, towards the door. The third day further off again, and so on, it being arranged that on the evening of the tenth day it reaches the spot outside the door where the five articles (stone, cowdung, iron, fire, and water) were placed.

This rite is called दीया बानी diya bāti, or (in East Tirhut) सुख राति sukh rāti, and in Patna चिराग बनी chirāg batti. Up to the tenth day the करना karta every day after bathing throws into the river or the well a handful of sesamum (निज til) mixed with rice and water. This is called निज्ञांचर देव tilānjur deb.

- 1424. On the third day after the death the rite of নিমানী tirāti is performed, and in South-East Tirhut, on the fourth day, the অবংশমন athisanchan. On the seventh day is performed the মনঃৰাম্ভ satnahāëb. In this the male members of the family touch oil and oil-cake (মানি), and then bathe. When they return, the females do the same, and on their return to the house they put oil and vermilion on their heads, and a little gram soaked in water (মানা akuri) is given to each.
- 1425. On the tenth day is performed the rite of द्यन्तरम das karm, also called द्यन्तर्गे daswān, and in Tirhut द्यन्तातन्द dasgātr, and in North-West Tirhut द्याची dasāhi. On this occasion the male relatives shave their heads, and those who are sons of the deceased their moustaches also. Then the Brāhman who performs such obsequics, and who is called व्यापा kantāha or व्यापाम mahābābhan, comes, and performs the ceremony of making obsequial offerings पिया पराण्य pinda parāëb. If the deceased is a male, this Brāhman gets as a fee all the requirements of a man (clothes, bed, shoes, umbrella, fan, dishes, lota, &c.), and, if a woman, all those of a woman. On the eleventh day offerings (पिया pinda) are again made.
- 1426. Brahmans are then feasted. This is called असन्भोज brambhoj, भोज bhoj, or कारज kāraj. Amongst Brahmans this takes place on the 13th day after the death, amongst Rajputs on the 14th day, amongst Vaisyas and amongst some Sūdras on the 16th day, and amongst other Sudras after the expiry of a month. The ceromony is as follows:-In the day-time, the vacifes produt or family priest performs the furt pindu ceremony, and after it the act a sits on a square marked on the ground (चौका chauka). A new turban is fied round his head, and he is dressed in new clothes. This is called पगरही बन्हाण्ड pagri bankāëb. The relatives also put into his hand an offering of money, called नेवन्ता neota. Brahmans are then fed (ब्राह्मन जेवन्नार brāhman jeonār). Afterwards, in the evening, the caste brotherhood are fed. On this day the widow of the deceased is clothed in her widow garments, which are known as रॅंड्ड चारी rañr sāri, or (in Tirhut) रहन्सर rañrsar. Amongst the upper eastes this is a white cloth, but amongst the lower ones it is a coloured one.

- 1427. In the case of the death of a male, पिणा pinda ceremonies are performed six months and a year after death: the first is called स्मापी chhamāsi, and the second बराखी barkhi. When, however, a marriage has to be celebrated in the family, the ceremony is performed three months after death, and is called निनापणी के पिणा timpakhi ke pinda. On all these occasions also Brāhmans and the caste brotherhood are fed.
- 1428. When all the funeral ceremonies have been performed in the orthodox way, they are called किरिया कराम kiriya karm. When the body is merely thrown into a running stream, it is called परावाद parwāh or जानापरावाद julparwāh. On five days in the month a body must be burnt with five efficies of कुम kus grass (pou cynosuroides). These images are known as कुमाप्तार kusputr, and the days as प्रक panchak or प्रकार pachka. In the south-east they are प्रकार pachkak. The visit of the women to condole after a death is मुँद देखन muñh dekhab, प्रकारी puchhāri, or प्रकारों puchhāro.
- 1429. Some Hindu and semi-Hindu seets and eastes bury their dead. The principal of these are Kabirhas (कविरन्दा kabirha), Saiva mendicants (खतीय atith or मन्यामी sanyāsi), Sib Narainis (चिव वार्रेनी sib nāraini), and Mushars (मुमन्दर mushar). To be buried is म्माधि (or म्माध) जैव samādhi (or samādh) leb, and to bury is मिट्टी देव mitti deb or मुमाध में वैमाण्य samādh meñ baisācb. The body is bathed and dressed in new clothes, the necklace (कडी hanthi) and sectarian mark (निज्ञक tilak) are put on his neck and forchead respectively, and he is seated in the grave facing the north with the feet crossed under the buttocks (पज्ञाची वैम्ब palthi baisab) and with cakes in his hand.

CHAPTER IX.—DISPOSAL OF THE DEAD AMONGST MUSALMANS.

- and is given to the barber, who attends to call the relations, and, when they are assembled, to look after their refreshment. A fresh waist-cloth is then put upon the corpse. Amongst the Sunnis this washing is generally done by friends of the deceased, but amongst Shias there is a special class of men who perform this work. The water with which the corpse is washed has been boiled with leaves of the at bair tree (zizyphus jujuba), and to this plain water is added. This washing is said to preserve the corpse from decay for a short time.
- 1431. A sheet is now taken, and a hole torn in the middle, through which the head of the corpse is put. The rest of the sheet hangs down before and behind. It is called भूख jhūl or कफानी (كفنى) kaphni. The corpse is then laid on a bed (परन्पाइ chārpāi), decently covered with a sheet, and taken to the grave-yard, which is known as कवरिस्तान (قبرصتان) kabristan. The funeral itself is called जनाजा (अधेक) janāja. The prayers recited at the grave-yard or in the yard of a neighbouring mosque differ for men, women, and children. After their recitation the corpse is laid in the grave with the head northwards. The grave is then roofed over with bamboos or planks, over which some thatching grass (अखान jhalās) is laid, which is plastered over with mud. It is then filled up with dried earth, every member of the funeral procession assisting in doing so. This is called मिट्टी देव mitti deb. Before the party leave the grave-yard, alms (बरान khairāt) are given to beggars. The man who digs the grave is a नोनियाँ noniyan, and his fee is known as कबन्द खोदाद (قبر کهوداي) kubr khodai.
- 1432. For four days after the death nothing is cooked in the deceased's house, and the family is supplied with food by the relatives. On the third day the brethren all assemble in an open place and 14 or 2½ sers of gram, some flowers, betel-leaf, and sharbat, are taken there. Each man then takes up a grain of the gram, and after reciting a benediction over it drops it on a cloth spread for the purpose. The benediction is called text (2,02) darūd. They go on doing this till all the grain is exhausted. It is then given to beggars, and the sūra or chapter of the Qur'an entitled qut huwa-l-lāhu is read. Each one then drinks sharbat, takes betel-leaf, and the meeting separates. This ceremony is called by the educated for (3) kul, from the first word of the title above quoted. By the ignorant it is called the pān phūl. It is the conclusion of the funeral ceremonies.

CHAPTER X.—CEREMONIES AT PLOUGHING AND SOWING AND TRANSPLANTING.

- 1433. In the south-west on the first day of ploughing the villagers scatter rice-flour over the plough and yoke. This ceremony is called समझत samahut. A similar ceremony is the स्टब्स्ट्र harmahūrat north of the Ganges, also called समझत samahut in Tirhut, in which a handful (मूँड mūnth) of grain is thrown into the field at the north-west (मखार bhandār) corner. In South Munger the plough is worshipped. The ceremony is called स्रमोतर harmotar, and in it a vessel of water is poured over the plough in the name of the earth-goldess धरनी माइ dharti māi.
- 1434. In South-West Shahabad the मूद पूजा math pāja is the feast at the time of commencement of sowing. The villagers give handfuls of grain to the herdsman and watchman. It is also called चित्रवार पूजा dihwār pāja. In South Bhagalpur the मूद पूजा māth pāja consists in the cultivator feeding his labourers on rice and milk. On the last day of sowing breadcast, a small quantity of seed is brought back to the homestead and shut up in an earthen pot (कूँड़ा kūnra), after which food of extra quality is prepared. This is called generally कुँड़-मृन्दन kunrmundan or कुँड़-मूनन kunrmūnan; also चरायोधन harsodhan in Champāran.
- 1435. On the first day of transplanting rice a feast is given. This is called पहिरोप pahirop in Patna, and पहिरोप pahiropa in the south-east. In East Tirhut it is खेत भोज khet bhoj, or खेत भोजन्ती khet bhojni. South of the Ganges on this occasion the cultivators face the east and plant five rice seedlings (मोरी mori). This is called पँचारड panchāith in Shahabad, and पर्नेंटी pachānti elsewhere. On the same occasion in South Bhagalpur wine, milk, fried grain, and oil are offered to the gods who protect the field from blights and mildews. This ceremony is called गोकी gochhi. In South Munger on this occasion a deity of the Hurst mushur caste, named Hurkatwa, is worshipped. The legend about him is that a cultivator once sent this man, who was his labourer, home from the fields to get some seedlings. On the labourer's return the cultivator observed a spot of vermilion (tax scnur) on his forehead, and concluded that he had been debauching his (the cultivator's) daughter, who was at home at the time, and had given the seedlings. The man was quite innocent, but the cultivator in a rage killed and hid him in the earth. He is hence worshipped as a martyr, especially by his caste-fellows.

North of the Ganges, on the first day of transplanting a feast is given to the neighbours. This is known as new gawa or new, and to give it is new detailed or new entry gawa lagāëb.

- 1436. The feast at the conclusion of rice transplanting is बॉक जी व्यापारी in South Bhagalpur, वन्नवार banusra or वनुवार banusār in Gaya, and वहारी uchhāri or वनुवार banukhāo in Patna. In Sāran, when the transplanting is over, a handful of seedlings is planted with ceremony in a corner of the field. This is called बेना देवरी kena dehri.
- 1437. In planting sugar-cane, before commencing, the direction of the wind is tested to judge of the probability of rain. This is called पवन परिचा pahan parichehha in the north-west. The day on which the planting of this crop, as well as of the spring crop, is commenced, is called सूउ māth, and when it has come they say सूउ जागल māth lāgal. When the planting is concluded five long canes are planted in the middle of the field. This is called पॅचज panchukh or पँचीय panchaukh north of the Ganges, and पचन्योंड़ pachkhānr south of it.

CHAPTER XI.--HARVEST CEREMONIES.

- 1438. When the crops are cut, some of the new grain is taken home and eaten with certain ceremonies. This feast is known as नेवान newān or नेवाने newāni, or to the south-east as नेवान nemān. When the grain is collected on the threshing-floor, a cake of cowdung is placed on the top of the heap to avert the evil eye (see § 839). South of the Ganges worship is also done to the village deity or जिन्नावार dihwār. A similar worship in South Bhagalpur to propitiate ghosts is called दानो पूजा dāno pūja.
- 1439. The ceremony of the first cutting of the sugar-cane takes place, south of the Ganges, on the festival of the देव घटान deb uthān or देवन्द्रान deothān. This takes place on the 11th of the bright half of Kātik (i.e., early in November), and is said to be the day on which Vishnu wakes from his four months' sleep. In South-West Shahabad, on this day, the villagers tie a few canes together by the leaves, and place a neck-ring (चंचनी hansuli) on the top. They then pour perfumes over it, take the neck-ring away, and commence cutting. When the crushing of cane is begun a ceremony is performed, called fuert pithār in South-West Shahabad, समझत samahut in the rest of that district, प्रमायम petāvan

in Patna and Gaya, and प्राप्त pachghan in the south-east (see also § 299).

1440. In Shahabad, on the first day of crushing cane, the villagers take some juice home to cook with rice. This dish is called रचःजाउर rasjāur. The ceremony at the first boiling of the juice is मिटाइ mithāi in the south-west, and चिरानी sirni in Patna and Gaya. A similar worship of a god, who is called कोइडा माना Koila Māta, exists in the south-east. This god exists elsewhere as a deity protecting wells.

CHAPTER XII.—MISCELLANEOUS.

- 1441. Among the lesser known festivals may be mentioned the following. The sty was or fatin chirāga is, south of the Ganges, a festival held in honour of the Musalman saint have the Makhdum Shāh. It takes place on various dates in different places, e.g. in Patna City it takes place in the month of Bakrā'ud (about December), and at other places in Bārah wafāt (about March). have the makhdumāna is a rite performed in his honour by landlords.
- 1442. The इंड बरन्त chlath bart is a Hindu festival in honour of the sun held on the 6th of the light half of Kātik (early in November). The दवान पूजा dawāt pūja is held by men of the Kāyasth easte on the 12th of the light half of Kātik (i.e., the day but one after the diwāli). On this day they worship their inkstands and will not touch pon and ink.
- 1443. In the north and east, on the 3rd Bhādoñ (August-September) occurs the नीज tīj, on which women fast a day and night in honour of the goddess पावनी Pārbati, and eat उन् saltu (ground parched grain) next day. On the last day of Bhādoñ occurs the चनन anaut or चनन anat, on which day both men and women fast. In the same tract the चन्द्रा bahura is a festival on which the women eat उन sattu with sugar and elarified butter.
- 1444. The चलरातीज akhartij in Patna, चलरातिज्ञा akhartijiya in Gaya, and चलरातील akhartit in South-West Shahabad, is the feast on the 3rd of the light half of Baisākh (early in May), on which the obligations of the spring harvest are cleared off. In South Bhagalpur it is called चले तिरातिया achhai tirtiya.

- 1445. On the 5th of the light half of Sāon (early in August) occurs the feast of the नाग पद्यमी nāg panchami, also known as जाग पद्यमी lāg panchmi in North-East Tirhut, नकर्पांचे nakpānche in Shahabad, नगर्पांचे nagpānche in Patna and Gaya, and जाग्यांचे lagpānche in the south-east. On this festival the women mark their houses with lines of cowdung, and worship मेप-नाग sesnāg (the Serpent of Eternity) with milk and parched grain (जावा lāwa). On the गोवर पाँचे gobar pānche, which falls on the 5th of the dark half of the same month (late in July), the same god is often worshipped in Patna instead of on the former festival. This is called वेष्टरा पाँचे behra pānche in South Bhagalpur.
- 1446. गोधन godhan is a woman's rite in which they make cow-dung figures of scorpions, snakes, &c., and beat them. To the south of the Ganges, in Bhādoū (August-September), the women fast for twenty-four hours and make cowdung figures of Ganes and lay brambles (भाइ भूड़ jhār jhūr) in the court-yard, saying the words अपन करम भेयक भरम भाइ भूड़ द्विधान हो appan karm bhaiyak dharm jhār jhūr ghusiāwe hī, an incantation which literally translated means, 'I cause my own fate and my brother's virtue to enter the bramble.' This incantation is supposed to benefit the speaker and her brother in some mysterious way. A similar ceremony is called करमा घरमा धरमा karma dharma in South Bhagalpur.
- 1447. The जिजितिया jiütiya to the west and the जितिया jitiya to the east is a fast and worship performed by women on the 8th of the dark half of Kātik (late in October) for the benefit of their children.
- 1448. In Patna the festival of the holi festival (full moon of Phāgun or middle of March) is distinguished by the custom called जुकारी lukāri or लुक व्यासी lukwāri. In this, at night, the village children throw lighted torches across the boundaries of the village into the neighbouring village. This is supposed to be lucky for the village which throws, and unlucky for the village which receives, and is a source of frequent fights.
- 1449. On the day between the 15th of Chait and the 15th of Baisakh (about the 15th of April) when the sun enters the sign of the Ram (भेड mekh), it is customary to feed Brāhmans with यम् sattu (ground parched barley), दिनोदा tikorha (immature mangos), and water, and to give alms. This feast is called the यम्बादन satuān or यमुखानी satuāni. In South Bhagalpur this festival is held on the last day of Chait, i.e., the last day of the

Bangāli year. On the following day there is in Tirhut a curious festival, called the जूड़ बोतल jūr sītal. The people bathe in water drawn the previous night and eat food cooked at that time, after worshipping चित्र-बा देवी Sitla Debī, the goddess of small-pox. Then from morning till noon all classes, rich and poor, cover themselves with mud, and shower it on all whom they meet. No one is free from this mud bath. In the afternoon the people go out with clubs and hunt jackals and hares and whatever animal they can find in the village. On their return home they boast of their valour in having killed this and that jackal, and the phrase जूड़ चीतलक चिपाची jūr sītalak sipāhi is used like मोच्या के चिपाची moharram ke sipāhi to signify a braggard.

CHAPTER XIII.—ARBITRATIONS, OATHS, &c.

- 1450. A body of arbitrators is पँचारत panchāit to the north and west. In Patna and Gaya it is पँचीत panchēt or पँचेता panchēta, and in the south-east पँचेती panchāti. The head arbitrator is called धरापश sarpanch, also south of the Ganges धरादार sardār or महत्तों mahton. In Shahabad he is also called महान mahān, and in South Bhagalpur मँड्ड mañrar. A caste assembly is घटाइ chatāi (lit. a mat), or पङ्गत pangat (lit. sitting in a row), and its head arbitrator पराधान pardhān or मानाजन mānjan. In Shahabad the man next to the chief is called the कड़ीदार chharidār.
- 1451. When one party in the case challenges the opposite party or a particular person to an oath, the phrase used is इसर करब masar karab; also ढारब dhārab in Patna, Gaya, and the south-east. The oath may be on the ammonite (भाजन्याम sālgrām or भाजिमन्दाम salgrām), a copy of the Sanskrit इरिक्स haribans, or on Ganges water (मज़ा जल ganga jal). When Ganges water is placed in a copper vessel with some leaves of the holy basil (Ocumum sanctum), the oath is said to be by तुन्नमी नाँचा tulsi tāmba. Or a man may lay his hand on his son's head (बेटा का चिर पर भाँच भें के beta ka sir par hāmth dhai kam), in which ease his son is supposed to die within a year if he tells a lie, or he may touch a Brahman's legs and swear by them (बाह्म के गोर इ के Brāhman ke gor chhu kam). In Shahabad one form of oath current is to pour forth some country liquor. This form is known as महाइन madāin. The oath taken on a cow is

known as गौ किरिया gau kiriya. The man who swears by this oath sometimes holds the animal's tail, and sometimes simply touches it. In these cases the man before swearing bathes and puts on new clothes. North of the Ganges the user gurara is a circle drawn on the ground in which the man who takes the oath stands, or from which he takes the thing claimed. The belief in these oaths is, throughout the country, very genuine, but perjury is sometimes attempted. One common trick when swearing with one's hand on one's son's head is to substitute some one else for the son. The writer remembers in the year 1879, when he was in camp in Darbhanga district, a curious incident. License-tax assessments were being held, and one well-known monoy-lender offered to swear on his son's head that he lent no money. The challenge was accepted, and the oath taken. Curiously enough the son was next day seized with what was said to be cholera, and the man came to the writer, and insisted on his name being written in the highest class of assessees. This was done. It is satisfactory to know that the son recovered. Babhans are popularly supposed to have little fear of the sanction of an oath, as witness the following proverb, -- चौज, सत. इरिबन्त ले, बीच गङ्गाक धार, प्रतेक से बाभन, न ना करह इतिबार की, sut, haribans lai, bīch gangāk dhār, etek lai bābhan tañ na karah itibār. If a Babhan swear by the ammonite, his son, the Haribans, and in the midst of the Ganges,-don't believe him.

1452. To excommunicate from easte is इक्षा (or इक्षा तमाकू) बन्द करव hukka (or hukka tamāku) band karab. It is also कुजात करव kujāt karab or पंचादत में काट देव panchāit señ kāt deb. The headman of a easte is मुखिया mukhiya, चौधारी chaudhri, सर्दार sardār, or मानन्जन mānjan. Amongst the Telis and Chamārs he is also called महन्तों mahton, मेंइन्तर mehtar, or (in South-East Tirhut), मेंइड mañrar.

CHAPTER XIV.—MISCELLANEOUS SUPERSTITIONS.

- 1453. A wizard is बोका ojha or जादूगर jādūgar. Other names also used are चोखा sokha in South-West Shahabad, सुनी guni in North-East Tirhut, डेया ddiya in Patna, अगत bhagat in Patna, Gaya, and the south-east, and also अगतिया bhagatiya and चिट्या chatiya in South Munger. His enchantments are जादू jādu or बोकार ojhāï, also अगन्तार bhagtāï in South Bhagalpur. A witch is डाइन dāïn.
- 1454. An omen is ব্যুল sagun, and also north of the Ganges মুখ্য shagun. A good omen is অবং বয়ন achehha sagun, or in Shahabad

- सुद्धम सगुन sulabh sagun. An evil omen is कुसगुन kusagun, also in the north-west बद्ग्यगुन badshagun, and in Patna and Gaya नम्म nuhus. In East Tirhut it is धसन्युन asgun. Other names are कुमार्न kusāit (an unlucky time) and कुजाना kujātra (an unlucky starting).
- 1455. There are a vast number of village gods (पास देवता grām deota) worshipped throughout the province. The principal amongst them will shortly be mentioned. A काली अधान hāli asthān, also called देवी अधान debī asthān or देवी यान debī thān, which is a mound in honour of Kāli, the wife of Shiva (भिव Sib), is generally erected outside each village. In Tirhut under the village pāpal tree there is generally a mound, decorated with elay images of the principal personages in the epic connected with him, creeted in honour of the Salhes who is mentioned in the following list. This is called a पहेंच अधान salhes asthān. The mound creeted to a deceased Brahman or holy man is generally called a बराउम अधान barham asthān.
- 1456. The following is a list of the principal village deities worshipped in Bihār. The more well-known deities, such as ভিৰ Sib, মহাইৰ Mahādeb, ৰংক্স Barham (Brahma), or ক্লিম্বন Krishn, are omitted. It will be observed that some of them are demons, who are worshipped in order to propitiate them.
 - इसन्ता भवानी Amta Bhowāni or अभ्विका भवानी Ambika Bhawāni, a form of Debi worshipped in Saran.
 - कारू बीर Kāru Bīr or कारू दाम Kāru Dās (south), also कलुचा बीर Kalua Bīr (Patna), worshipped by Doms and Dusādhs.
 - कुल देवना Kul Deota, the family god.
 - नैतुक गोसाँदें Kaituk Gosānīn, worshipped in South Bhagalpur by Dusādhs.
 - कोइना माता Koïla Māta, the goddess of a well spring, worshipped generally.
 - कोदर कहा Kodar Katta, worshipped by Doms in South Bhagalpur.
 - कोस Kol, worshipped in Gaya.
 - खाने खिद्द Khāje Khidar, the patron god of the beatman (मलाइ mulāh) easte. He is also often confused with a similar female deity मङ्गा भाद Ganya Māi. Musalmān women fast on every Thursday in the month of Bhādoū (August-September) and call the fast खाने खिद्द का रोजा khāje khidar ku roja.

होती भवानी Kheti Bhawāni (Patna and south-west), worshipped by Koïris when they plant and out their vegetables. In Patna a Musalmān vegetable-seller (कुँका-ड़ा kunjra) worships राम डाक्सर Rām Thākur.

बोबन्नाइ राज्य Gobnãi Rāüt (north-west), a deified cowherd worshipped in Sāran and Champāran.

गोरैंबा Goraiga or गोरेखा Gorea, worshipped generally south of the Ganges, especially by Doms and Dusadhs; also called गोरिया Goriga (Patna).

चारों Ghāton, worshipped in South Bhagalpur by Dusādhs.

चतावन Chatāwan (Patna), worshipped by Doms and Dusādhs.

चिराकुटन्वा पौर Chirkutwa Pir,—see डिइन्वार Dihwar.

चुरड़ माल Chuhar Māl,—see चन्हेंच Salhes, worshipped in the southeast by Dusādhs.

चोद्धर Chohat, worshipped by Doms and Dusādhs.

जगन्दमा Jaydamma, the goddess of small-pox, worshipped in Patna and the south-east by Dusādhs.

ज्ञजासेन Juläsen, the protector of bearers, worshipped in Saran.

जौहन्दी बरम Jauhri Barm, worshipped in Saran.

सुनन्की बीर Jhunki Bir, worshipped in Gaya.

डमरन्डाक Damardāk (south), worshipped by Doms and Dusādhs.

डाक Dāk, worshipped in Patna, Gaya, and South Munger.

ভিষ্কাৰ Dihwār (generally), also (Sāran and South Tirhut) ভিষ্কাৰণ দীৰ Chirkutwa Pīr. This is a very generally worshipped deity. There is supposed to be a separate one for each village. Every one who passes by throws a piece of cloth on his image.

हंबन्दा पीर Dhelha Pir (north) or हेब्बा गोसाँई Dhelwa Gosāñiñ (south), in whose honour a heap of earth is erected on the road-side, to which every passer-by adds a clod. He protects wayfarers.

देवी Debi, the popular name of the goddess Durga.

धरन्मन्तरथ Dharmnāth, an incarnation of Sib, worshipped in Sāran.

नाप्रक साचेंव Nāëk Sāheb, worshipped in Patna.

নাম Nāg, the snake god. Worshipped generally. In Sāon (July-August) crowds of women calling themselves his

wives (बाजिन nāgin) go out begging for $2\frac{1}{2}$ days, during which period they neither sleep under a roof nor eat salt. Half the proceeds of the begging are given to Brāhmans, and the other half invested in salt and sweetmeats, which are eaten by the whole village. During the expedition several characteristic songs are sung, some of which have been published by the Asiatic Society of Bengal.

मद्यान दाद Mahthin Dai, worshipped in the south-west.

पदास बर Pahās Bar (Patna and Gaya), worshipped by Doms and Dusādhs.

पाँचो पीर Pāncho Pīr, the five saints named गाजी मीयाँ Gāja Miyān, इटीजा Hathīla, परिचार Parthār, भद्र-जा माइ Sahja Māi, and खजन पाजार Ajab Sālār. They are worshipped by Musalmān drummers (इफाजी daphāli), who during an outbreak of cholera act as village Musalmān priests. They go about, beating drums, with an iron bar wrapped in red cloth and adorned with flowers, which represents माजी मीयाँ Gāji Miyān. They are paid in kind by the people at whose doors they stop and drum. A पँच-पिरिया panchpiriya is a Hindu who worships Musalmān saints. In Snahabad these five saints are worshiped conjointly with three others, as mentioned in the following verse:—

अभग्ना सती, पाँची भीर, लॅंगन्डा तार, सोवशना तीर Amna Sati, Pāncho Pir, Langra Tār, Sobarna Tir.

Langra Tār is simply a crooked wire which is worshipped. Sobarna Tīr means the banks of the river Sobarna.

पारस नाथ Páras Nāth, worshipped by bankers (महाजन mahājan).

फूल डाक Phul Dak (Gaya), worshipped by Doms and Dusadhs.

वसनीर Bakhtaur, a deified cowherd worshipped in South-East Tirbut.

बँदौनानी Bandautni (Gaya), worshipped by Doms and Dusādhs.

बँदौत Bandant (Gaya), worshipped by Doms and Dusadhs.

वज्ञी Banni (south-west), worshipped by Doms and Dusādlis.

वरन्दन्वनिया Barduaniya, worshipped in Patna.

बरन्डम देव Barham Deo, worshipped in Gaya.

वसावन मुंबर Basāwan Kuñar, worshipped in Gaya-

Bahor, worshipped in Patna and South Munger by Dusadhs.

बिदेसी बरन्स Bidesi Barm, worshipped in Saran.

विसद्धाः Bisahra, worshipped in North-East Tirhut.

भेर Bhairab or भेरो Bhairo, worshipped by cultivators in the south-east.

मकार बीर Makar Bir (north and east),—see § 299.

मनन्सराम Mansa Ram (Patna), worshipped by Doms and Dusadhs.

सनानो दानो Manano Dano, worshipped by Doms in South Bhagalpur.

मतुम देव Manus Deo (north and west), worshipped by Doms and Dusādhs.

सन्दानी Maldano (south), worshipped by Doms and Dusadhs.

सचान Masān (Patna), worshipped by Dusādhs and Doms.

महनाया Mahmāya, the goddess of small-pox.

महाकीर Mahābīr, a form of Hanumān, the monkey-king who befriended Rām.

माता दाद Māta Dāi or चितन्ती Sitli, the goddess of small-pox.

मीर पञ्चा Mir Phajula, a Musalman saint worshipped in Saran.

मेशू डाक Meghu Dāk (Patna), worshipped by Doms and Dusādhs.

मेश Maiya (Patna and south-east), worshipped by Mushars, Dusādhs, and Doms.

मोनी राम Moti Rām, brother of चन्हेंच Salhes (q.v.), and worshipped in the south-east by Dusādhs.

रचुनी डाक Rayhuni Dāk (Patna), worshipped by Doms and Dusādhs.

रच् Raghu, worshipped in South Bhagalpur by Dusādhs.

राम टाकुर Rām Thākur, worshipped in Patna and the south-east. See also खेती भवानी Kheti Bhawāni.

राम बीर Rām Bir (Patna), or राम गोसाँई Rām Gosāñiñ (Gaya), worshipped by Dusādhs.

Rāh or (North-East Tirhut) TE Rāhu is a demon worshipped by Doms and Dusādhs. The ceremonies are a kind of fire-worship, in which the devotees run along a trench filled with blazing coals.

श्लीका कोस Lila Dom, worshipped by Doms in South Bhagalpur. विवादा Sanichra (south-west), a god worshipped by vegetable-sellers (तुरका turha).

स्ता Salkho (south-west), worshipped by Doms and Dusadhs.

सक्ट्रेस Salhes or सर्वेस Sales (south and east), worshipped by Doms and Dusādhs. He was a great hero and the first watchman. He fought a battle with चुड्ड मास Chuhar Māl of Mokama, who was the first thief. A famous opic concerning him is current in Tirhut, and has been published by the Asiatic Society of Bengal.

मदः जादी माद Sahjādi Maï, worshipped in the south-west.

चिंगेषर Singesar, worshipped in North-East Turbut.

इरिराम बरन्म Harirām Barm, worshipped in Sāran.

इरिकर नाथ Harihar Nath, in Saran, at Sonpur.

1457. A spell or charm is युन gun or मनार mantr. टॉटना totka. होड-मा totma, or टोना tona, are spells or charms generally with an evil object. In Shahabad they were टोटन्स totram; in Patna and Gaya they are optionally उतारा पतारा utara patara, and in South Bhagalpur निगम्बा कोरी ningchha chhori. The जिया दान jiya dan, जियम्दान jib dan, or बिल्डान balidan, is an animal, & ..., sacrified to कानी Kāli as a kind of scapegoat. In cases of sickness various articles are exposed in a saucer at a cross-road. This custom is supposed to communicate the disease to the first person who touches it, and is called जोग joy or जोग डोन jog ton, or in South Bhagalpur चोम टेम ojh tem. The contents of the saucer vary with the disease demon to be propitiated. There are generally some red चोड़ील orhant (hibiseus) flowers. some sand, grain, and yellow cloth. If a ghost un bhut has to be propitiated, wine, or even a fowl, is laid there. In cases of small-pox, the cloth with which the sores were dressed is frequently put out, which often makes the superstition about communicating the disease a lamentable reality. In South-East Tirbut an oblong mound studded with flags to avert cholera is called आंग-रिक āsrik. The खरोला khatola (north of the Ganges) is a miniature bedstoad hung on a tree as a propitiatory offering.

1458. The following is a list of some of the various demons, ghosts, and other supernatural bogies believed in in Bihār. Those which are worshipped, and which hence have been included in the former list, are omitted.

- चानि बैतास Āgi Baitāl or चिताया बैसास Agiya Baitāl, a hideous demon which lurks in trees, lives on dung beetles, and seizes wayfarers by night.
- a beautiful woman, and visits and seduces any man whom she may meet in a lonely place. The man dies within a few months of his yielding to the temptation. She has feet back to front, i.e., toes behind and heels in front. Hence the wise may recognize her.
- घोषर Ghoghar (north-west), a ghost invoked to frighten children.
- चहुचा Chatua or चहुन्दा Chahta (north-west), चटन्ना Chatua (north-east), a vampire who drinks up the milk of cows and women. In South Bhagalpur he is called चोर मटन्ता Chor Matka.
- मुहेस Churail, also (in Shahabad) बदरिया Bahariya, an evil spirit which assumes the shape of a bird and sits on the roof of a house which contains a pregnant woman. This injures the child.
- জিলীয়া Jilaiya or জন্তনীয়া Jalwaiya (south), or (South Bhagalpur) মানিছিয়া Marchiriya, a fiend which takes the shape of a night bird, and is able to suck the blood of any person whose name it hears. Hence women are very careful about calling their children by name in the night time. If it fly over the head of a pregnant woman, the child born will be a weakling. Such a child is called জিল্লীয়া के ছুম্মল jalwaiya ke chhūal.

जिन Jin (north), a ghost, goblin, genius, 'djin.'

ছुवा Dūbu,—see बुड़ा būra.

घोकर कमन्या Dhokar Kaswa, a man with a bag who carries off naughty children.

नेकी बीबी Neki Bibi (Gaya and south-west), a ghost invoked to frighten children.

पमञ्जूनी Pandābi,—see बूड़ा būra.

बरन्स विचास Barm Pichās, a kind of ghost or goblin.

बुद्दे $B\bar{u}$ is a ghost invoked to frighten children.

बुद्धा Bāra, ड्वा Dāba, or पनाड्वी Pandābi, a water-demon, who drowns travellers.

भौकेर Baupher (north), a kind of ghost or goblin.

भाक्तर Bhākur (north-west), a ghost invoked to frighten children.

सूत bhūt, a ghost or goblin generally.

भोकसन्दा Bhokaswa (south), a ghost invoked to frighten children.

सनुसन्देवा Manusdeba (north), a kind of ghost or goblin.

मरन्चिड्या Marchiriya,—see जिल्लेया jiluaiya.

माँचौँ Māñoñ (north), a ghost invoked to frighten children.

- Persia and elsewhere. It is said to be extracted from the heads of coolies who emigrate to the colonies, by hanging them head downwards and roasting them over a slow fire. The threat of extracting it from the head of a child is therefore an active deterrent.
- राक्स Rākas, the will o' the wisp; it breathes fire and misleads travellers, but it also lives in the fields, and where it resides grain is produced in abundance.
- सुखाइन Sukhra (north), also सुखेनी sukhaini (North-East Tirhut), a vampire which sucks up children's blood.
- মান Hāü (Patna), or ছন্দা humma (South Bhagalpur), a ghost invoked to frighten children.
- 1459. The चनःसरम utsary, and also (in Tirhut) काननीत्स्म kānanotsary, is the emblematical marriage of a grove to a well, without which preliminary observance it is unlawful to partake of the fruit. The विराह्मतास्यम birkhotsary, and also (in Tirhut) the बेदिक baidik, is the ceremony of marriage performed in the name of a bullock let loose on the 11th day of mourning for a near relative. The जानास्यम julotsary is the emblematical marriage ceremony on completion of a well or tank. It is married to an image erected close by. In case of a pond it is also called नरागोनःसरम turāgotsary, and on completion of a well क्रोनस्यम kupotsary. The latter is called in South Bhagalpur क्रम अस्म अस्म jag or कृद्याँ दान kuiyāй dān. ब टोनस्सरम bātotsary is the ceremony on the completion of a road. No marriage is in this case performed.
- 1460. Water brought from a sacred river, spring, or place of pilgrimage तीर्थ (tirath), is much used in religious ceremonies, and is carried by men called कमराप्य kamarpanthu. They are also called कंपराप्य kamwārthu in South-West Tirhut and कमराप्या kamrathua in South-East Tirhut.

DIVISION XIII.

TRADE, MONEY-DEALING, AND ACCOUNTS.

CHAPTER I.-TRADE AND BAZAR ACCOUNTS.

- 1461. Trade is खेन देन len den, महाजानी mahājni, काराबार kārbār or कारोबार kārobār, बेवाहार beohār, बेयापार beyāpār or बेखोपार beopār, or बेनिज banij. In Patna City it is also बेवाहराम beohargat. Exchange or barter is खराजर बराजर adlaī badlaī. A money-lender is महाजन mahājan, साह sāh or साइकार sāhukār, or बेहाबरिया behvariya. He is also called in the country बनिया baniya, and in South-West Shahabad साव sāo. In Patna City he is called कारोबारी karobāri or धनी dhani. A banker is कोडीवाब kothāvāl or सराफ sarāph. A borrower is रिनिष्टा riniha, खहक khaddak or खहुका khadaka, or असमी asāmi. In South Munger he is also called सुजेरा mujera, in South Tirhut बनियोटा baniyanta and धारनिक dhārnik, and in South Bhagalpur खानव khātab. In Patna the words कराज खोक karj khauk and कराज खोर karj khor are also used.
- 1462. An account-book is ৰখী bahi. A trader's account-books are called collectively ৰখী আনা bahi khāta. সাকৰ jākar in Gaya is a record of cloth sales kept by cloth-merchants. Each page of the account-book is called মনা panna, and also in North-East Tirhut মনা patta.
- 1463. The following are the books usually kept by village money-lenders:—
 - (a) The रोजन्मामन्ता rojnāmcha.—This is the day-book. The left hand or credit side of the page is known as जमा jama, and the right or debit side as नाँव nānw or नाम nām.
 - (b) The रोकड़ वही rokar bahi —Mr. Crooke's description of this is equally applicable to Bihār. It is exactly the same as the रोक-मामन्दा rojnāmcha. There is only this difference,

that it is balanced after each transaction. For example, the book shows Rs. 1,000 on the credit side; Rs. 100 are disbursed on a certain account. This is entered on the debit (बाकी bāki or बाँच nānw) side, and the book is balanced showing Rs. 900 still to credit. This is called राकड़ बाकी rokar bāki or बाकी नच्ची किंकां tahbūl, and is again brought forward to credit. North of the Ganges it is called फाजिस phājūl. A man who carries on several distinct trades keeps up a separate रोकड़ बची rokar bāhi for each.

- (c) The चेखा बडी lekha bahi, the खाता khāta, or खाता बडी khāta bahi.—This is the ledger, and is made up as time allows from the रोजःनामःचा बडी rojnamcha bahi. It contains each creditor's or debtor's account separately, with a reference to the page of the day-book on which each item has been entered day by day. Some traders keep up a separate खाता बडी khāta bahi for each of their trades or speculations, others have only one general one.
- (d) There is also the जमाबराम jamakharch, which is an abstract of the day-book, and is hence also called a खित्रचीनी khatiyauni, and shows the totals of receipts and payments on each page.
- 1464. Small traders generally only keep up the first of these books,—the বাজনামন্তা rojnāmeha or day-book. Very small traders do not even keep this. They have a separate slip of paper containing each customer's account, and called বিভ chit, বিদ্বা chittha, or বিদ্বা chitthi, or মুক্তের purja or মুক্তের purji. In South Munger it is called মুক্তের sarkhat.
- 1465. Large traders, such as those in the city of Patna, with whom this work has nothing to do, keep up all the above four books. For the sake of completeness, the following information, founded on that given by Elliot in his Glossary, is added. Quoting Elliot's words (with the necessary alterations to suit local variations): "The page (of an account-book) is divided into two equal parts, called in Patna tand rekāna: each of these is again divided into two two trader rukan or tand rukan. The (first or) right-hand tand rekāna is called the tin hāsho. The first right-hand quarter (some say half) of the left-hand tand rekāna is called the sin rekāna is called the sin rekāna city

The चौरा sira contains the sum finally brought to account after the necessary deductions have been made from the gross amount in the ver peta and चारो hāsho." In reading the above, it should be remembered that it refers to accounts kept in the Persian character. When kept in the mahājni character, the terms for right and left must be reversed.

CHAPTER II.—ACCOUNTS BETWEEN LANDLORD AND TENANT.

- 1466. These accounts are not usually kept in bound books, but on separate slips of paper, kept together in packets by a paper tape, called तबन्सक tablak or केदक kaidak.
- 1467. A tenant's receipt for rent is known as रसीद rasid or दाखिला dākhila, and in North-East Tirhut कवज kabaj.
- 1468. The system of accounts differs according as the rent is paid in kind or in eash. Hence two sets of accounts are kept up in a land-lord's office. They are the following:—
 - (a) Accounts of rents paid in kind-
 - 1. खसन्दा दानावन्दी khasra danābandi.
 - 2. खसन्दा बटाद khasra batār.
 - 3. मोफन्रीद mophrid.
 - 4. सिंगत laggit and वासिस बाकी wāsil bāki.
 - 5. तिरिज जिनिसःवार tirij jiniswar.
 - 6. सियाचा siyāha.
 - 7. चिमान निकारी गन्ना hisāb bikri galla.
 - (b) Accounts of rents paid in cash-
 - 8. खसन्दा khasra.
 - 9. मोफारीद mophrid.
 - 10. सम्मित laggit and वासिल बाकी wāsil bāki.
 - 11. तिरिक पटेवारी tirij patewäri.
 - 12. **चियाचा** siyāha.
 - (c) In addition to the above, the following general accounts are kept, which are applicable to both kinds of rent—
 - 13. मोखन्डकी molhaki.
 - 14. दक्रा dhaddha or जमा वासिस बाकी jama wāsil bāki.

- 15. जमावन्दी jamabandi.
- 16. जमाखराच jamākharch.
- 1469. The word fafts tirij, met with above, means 'abstract.' In small estates, Nos. 5, 11, and 14 are often not used.
 - 1470. The following is a brief description of the above accounts:-
 - (1) The অধনে হানাৰহী khasra dānāhandi. This is the account paper drawn up in the field when the হানা dāna or estimate of the crop is being made. It contains—
 - (a) The date.
 - (b) Name of tenant.
 - (c) Quantity of land (অ্যানী arāji).
 - (d) Length (ব্ৰুটো) and breadth (খবন araj) of the plot.
 - (c) Name of the crop (জি নিষ jinis) thereon.
 - (f) The quantity of grain estimated.
 - The निर्ज नारीखनार tirij tārīkhwār is a daily abstract of No. 1, and shows (in the case of division by appraisement) the total area of land and the quantity of grain estimated daily. The sum of all the daily entries in this paper shows the total area of lands of which the rent is paid in kind, and the produce thereof. This account is only kept when the division of the crop is by appraisement (दानाबन्दी dānābandi, see § 913). Some landlords, however, also keep it in the case of actual division on the threshing-floor, as a check on No. 2.
 - (2) When the division is by actual division on the threshing-floor (पारेर बटाइ agor batāï, see § 914), a पारेरा बटाइ khasra batāï is opened instead, containing the date, name of tenant, area, kind of crop, quantity, landlord's share, cesses, &c.
 - (3) The দৌদানীৰ mophrid is the bundle of papers in which separate accounts of each tenant are entered. A separate slip of paper is kept for each tenant. It is compiled from the অধনা khasra (No. 1). It shows the quantity of each kind of grain belonging to him which was

- estimated, date by date. The area of the land under each crop at each estimate is also given. When this is abstracted out so as to show the total area and total crop for each tenant, the abstract is called falter wind.
- (4) The खिंगात laggit and वाधिल वाकी wāsil hāki are written up from No. 3, a separate slip of paper being kept for each tenant. They form a kind of ledger or personal account. The heads are as follows,—the total quantity of each kind of grain and the area of land under each. The total share claimed by all the landlords (चाकिमी दिसा hākimi hissa) is then struck off. From this the shares of the other shareholders, who keep accounts separate from the landlords whose accounts we are considering, is deducted. To the remainder the cesses and other dues (wavara abwāb) are added. The total shows the quantity of grain realizable from the tenant by the landlord on whose behalf the account is prepared. This portion of the account showing the demand is called the सिमात laggit. From the total demand the quantity of grain realized during the year is set off, and the balance, if any, is shown. The whole paper showing demand, realization. and balance is called the वाधिक बाकी wāsil bāki. abstract of the खिंगत laggit, showing under the head of each kind of grain separately the amount of crop of, and area of land under, that grain owned by each tenant, is called the निरिज खिमान tirij laggit. The abstract of the वासिस बाकी wāsil bāki is the दङ्ग dhaddha (No. 14).
 - (5) The বিশিক জিনিখনাৰ tirij jinisuār is compiled from the ভাষাৰ laggit (No. 4). It shows in one entry for each tenant the total area he has under cultivation, and the amount of each kind of crop demanded from him.
 - (6) The বিষাহা siyāha is the day-book of receipts and disbursements of grain. An abstract of this, called the অবাৰকো awārja or বাৰেকা wārja, shows the total receipts and disbursements, date by date.
 - (7) The दिसान निकन्दी गक्षा hisāb bikri galla is the account showing the produce of the sale of the grain received as

rent. It shows the date of sale, quantity sold, rate, and price.

- 1471. We now come to the accounts of rent paid in cash.
 - (8) **EXECUTE** khasra is the paper in which the area (i.e., and tal or length and araj or breadth) as ascertained by measurement of the lands held by the tenants in a village, together with the rate per bigha or class (ver patta) of each plot, is entered. An abstract of this shows the amount measured each day, while the measurement is going on, and is called fifth user tirij khasra. This area gives only the measurement of the lands held temporarily on a cash rent, and differs from the regular area khasra or measurement papers of a village.
 - (9) मोफरीद mophrid.—This is similar to No. 3, mutatis mutandis. It shows the area and different rates of rent of the various plots held by each tenant. Each tenant has a separate slip of paper, and all lands for which cash rents are paid, whether temporarily or not, are included in it. It is compiled from No. 8 and No. 10. An abstract of it, called निराम मोफरीद tirij mophrid, shows the area of land held and total rent payable by each raivat.
 - (10) समात laggit and वासिस बाकी wāsil bāki.—These are similar, mutatis mutandis, to No. 4. They are the ledger account of each tenant. Each tenant has a page, on which is shown the area of his plots, rate of each, rent of each, total area, and total rent. From this the shares of the other shareholders are deducted, and to the remainder the cesses and dues are added, together with the value of any rent in kind (इमाय गका damāo galla), due by the raivat which has not been realized during the year. To this again the arrears of previous years are 'added, and the total shows the demand against the tenant. The paper thus far is called the जिमान laggit. From the total demand is deducted the cash rent collected during the year, and the balance is struck to be carried to next year's account. The whole paper showing demand, realization, and balance is called

the वासिस बाकी wāsil bāki. An abstract of the समात laggit, called the निरिक्त समात tirij laggit, shows under the head of each tenant separately the total area held and rent payable by him at each rate. The abstract of the वासिस बाकी wāsil bāki is the दश्रा dhaddha.

- (11) The fafts usatth tirij patewāri is the paper in which the name of each user patta or separate class of land in the village is entered, showing the total area, rate, and rent of each class. The total shows the total area of land held at various rates in the village. This paper is compiled from No. 10.
- (12) The বিষয়ে siyāha is the same (mutatis mutandis) as No. 6. In this the daily receipts and disbursements in cash, including the price of grain sold, are entered. It is, in fact, a cash-book. An abstract of this, called the খ্ৰান্ত্ৰা awārja or বাজ্বো wārja, shows the total expenditure day by day.
- 1472. The following accounts are applicable to both kinds of rent.
 - (13) The মাজাৰনী mollaki is a ledger account for each tenant, showing date by date all payments (whether in eash or kind) made by him. It is compiled from the বিষয়ে siyāha. An abstract of this, called বিশ্বি মাজাৰনী tirij mollaki, shows the total payments made during the year by each tenant. The totals of this should agree with the total of No. 12 (the বিষয়ে siyāha) on the receipt side. It hence serves as an abstract of the receipt side of No. 12, while the ব্যাকোর avārja is the abstract of the disbursement side.
 - (14) The বসুং dhaddha is also called the নিবিল বাভিল ৰানী tirij wāsil bāki or লানা বাভিল ৰানী jama wāsil bāki. It shows the name of the tenant; area of his holding at each rent; amount of rent; additions on account of cesses, unrealized grain rent and arrears of previous years; deductions on account of shares of other shareholders; deductions on account of each rent realized; and balance. This paper is in fact an abstract of the বাভিল ৰানী wāsil bāki (Nos. 6 and 10). The latter shows the accounts of each tenant separately,

whereas the an index dhaddha shows all the tenants' accounts on one sheet of paper. This form of account is according to Field* said to have been invented by Udhmant Singh, of Nassipur, in the district of Murshidabad, in order to enable the zamindārs to represent the collections as they pleased to the Muhammadan Government.

- (15) The जमाबनी jamābandi is the paper in which the total annual demand of the village on account of rent is entered. This paper does not usually show illegal demands from the tenants. These are generally shown only in the जमाबरन्य jamakharch (No. 16).
- (16) The जमाखराच jumākharch is the final annual abstract of the financial condition of the village. It shows the total demand, realization, and balance of the year in more or less detail. The demand side shows the balance of previous year, the total demand according to the जमाबन्दी jamābandı (No. 15), and other items of demand (such as fines, illegal cesses, &c.) which do not find their way into the latter. The total is the grand total of the demand for the year. This demand is on the other side of the account again divided into money spent and balance. The money spent includes the portion of the realizations which are forwarded to head-quarters, and the portion of realizations spent on the village and on miscellaneous expenses. The balance is made up of realizations in hand, and for which the village official or the grain-merchant is responsible, and of landlord's unrealized demand, the latter of which is given in detail. Some landlords have two copies of this paper, -one for their own information, containing the illegal cesses, and the other excluding them, so as to allow of its production in court.
- 1473. In the appendix to this work are given translations of the various forms of account as kept by a Patna landlord.

CHAPTER III.-INTEREST, DISCOUNT, AND COMMISSION.

- 1474. Discount and commission are generally महामी salāmi. बशा batta is also used south of the Ganges. In Patna they are also called पिरना phiranta. बढ़नी barhti is a premium. मकर्द sakrā is a commission of 3 or 6 pies per cent charged by the acceptor on accepting a bill. नकर्द सकर्द nakrā sakrā is a charge at 8 ānās per cent. on a drawer of a bill when his bill is not accepted. जावना माच जोग jābla sāh joy is a commission at one anna per cent. when the bill is accepted in favour of a banker. इंडियान hundiyāna or इंडियान hundiyā can is commission on a bill-of-exchange (इन्हों hundi). Factorage, or the commission (of one or two pice per rupee) taken by a servant on goods bought for his master is दसूरी dastāri, or, more commonly, फल phal. दलाजी datāli is brokerage.
- 1475. Interest is स्ट्र sūd. Interest in kind, paid on seed-grain, is साधी āghi to the west and in South-East Tirhut. In South-West Shahabad it is स्वान्तन agwan, and in Patna हाड़ा chhāra or कहीर karhaur. North of the Ganges generally it is also called सवाद डेही sava derhi, in allusion to the rate at which the principal is lent. In the south-east it is वियाज biyāj. Elsewhere वियाज biyāj or वियाज beāj is interest on money, which in the south-east is स्ट्र sūd. स्वान asal or मूर mār is the capital lent out at interest; but in Shahabad it is also मूल mūl, and in the south-east स्ट्री रपया sūdi rupaiya. मीनाफा monāpha is profit. It is distinguished from interest (which is unlawful for them) by strict Musalmāns. Amongst others, however, the two terms are convertible. Other words for profit are परितर्श barhatri or नाफा nāpha in Shahabad, नफा napha or दन-निफा का प्राकृतिक to the west, दन-निफा intāpha in the south-east, and बिन bachit in Patna, Gaya, and South Bhagalpur.
- 1476. पैचा paincha or इयन्प्रेर hathpher is a loan when the exact thing is to be returned. A local variant is पैच painch in South-West Shahabad. It is also called उधार udhār, which properly means a purchase on credit. बराजा karja is a money loan. This is also called south of the Ganges कराजा karja is a money loan. This is also called south of the Ganges कराजा karja कराजावाम karjwām, and पैचा paincha. दसागरादाँ dasgardān or (amongst the educated) दसागरादाँ dastgardān is a temporary loan without interest. दसागरादाँ hathpher or (in Shahabad) देन उधार hanth udhār is also used in this sense.
- 1477. A debtor is खडुका khaduka or खडासी asāmi. Local names are खडुक khadduk in Gaya and the south-west, सुजेरा mujera in Patna, and खातव khātab in South Bhagalpur. A defaulting debtor is जमामार

jamāmār, also यनः भार thanmār in Champāran and South-East Tirhut, मज्ञानार malmār in South-West Tirhut, and येजीनार thailimār in South Bhagalpur. Other names are खाज khāu in Saran, खोनार khaukār in South-East Tirhut, and ना देइन na dehan in Patna. The educated say ना देइन na dehand. Outstandings are ज्ञाना lahna. A bad debt is मनाज खाना gatāl khāta in Patna and the north-west, and गयान खाना gayāl khāta in Gaya and the south-west, of which गेन खाना gail khāta in South Munger is a variant. In South-West Shahabad it is also said to be गयाना gaptāl, in Tirhut they say बृद्ध में के būral bhelai, and in South Bhagalpur खाने गेने dūbo gelai. When an animal or other property is pledged for a debt, it is called to the north-west and in West Tirhut जावन lāwan or जावन नावन lāwan jhāwan. Elsewhere it is भराना bharna or रावो giron.

1478. To borrow money is स्द्र पर रापेश काइब (or काहि खेब, or काहि लाएब) sūd par rupaiya kārhab (or kārhi leb, or kārhi lāëb).

CHAPTER IV.—RATES OF INTEREST.

- 1479. A rate of interest is दर dar. The following are the rates of interest charged. Interest at one per cent. is दपे सेकन्ड़ा rupui saikra, at two per cent., दू दपे सेकन्ड़ा du rupai saikra, and so on:—
 - (1) উত্থা derha, উত্থায়া deorha, or in the south-east উত্তিয়া deurhiya. This is fifty per cent., e.g., a man borrows five maunds of grain at sowing time and repays 7½ maunds at harvest, without reference to the selling price at the time of borrowing or repayment. This is confined to transactions in grain.
 - (2) भवार sawāi or भवेषा sawaiya is twenty-five per cent. as above.
 - (3) বিকানী কা মাৰ bikri ke bhāo (north), or মাৰ কা মাৰ bhāo ke bhāo (south), also অধন কা অধন asal ke asal in the southeast.—In this grain is lent, and at harvest time an equivalent in grain to the real money value of the grain lent at the time of borrowing is returned.
 - (4) खगानी lagāni is giving one rupee's worth of grain and after six months receiving back one rupee two annas worth. In South Tirhut it is also called अवस्त्राची athrahni.

- (5) परी वर्षेया paise rupaiya is money interest at one pice per rupee per month. So डेड पेरी वर्षेया derh paise rupaiya is one and a half pice per rupee per month.
- (6) হক্ষা takhi is money interest at two piec or one হকা taka per rupee per mensem. In the south-east it is also called অধ্যয়নী adhanni.
- (7) गॅड-की gandhi is money interest at four pice per rupee per month.
- (8) चरचन्नी charanni is four annas per rupee per annam.
- (9) पचचती pachanni is five annas per rupee per annum.
- (10) ছবস্থা chawanni is six annas per rupee per annum.
- (11) কিন্ত kist or কিন্তু ৰন্থী kist bandi is when the total of principal and interest is repayed within a stated time by fixed instalments.
- 1480. The first money received by a shopkeeper during the day is बोइनी bohni; also बोइनी बहा bohni batta in Patna and Gaya, and बनन्दाद banhāi in South Bhagalpur. In Patna City it is गँठीट ganthaut or गाँठा gāntha. A pledge or deposit is निर्में girañ, in Shahabad निर्में girañ, in the south Munger it is निर्में girañ, in Shahabad निर्में girañ, in the south-west of that district निर्में गाँउ girañ, and in South Bhagalpur गिरमी girmi. पुरिया puriya, or in East Tirhut पुरन्ता puriya, is a sealed or fastened-up deposit. जाकड़ jākar is goods which are taken away for use, if required, at a wedding, &c. The price is fixed before hand. If the goods are used, this is paid; if they are not used, they are returned, and a pice or two per rupee is paid to the shopkeeper.

CHAPTER V.-MORTGAGE.

1481. A pawn or mortgage is रेडन rehan, बन्धिक bandhik, or सक-पूज makphāl. It is also गिर्डे giraiñ in Shahabad, and गिर्मी girmi in South Bhagalpur. सक-पूज makphāl is more usually applied to mortgage of land, and the other terms to pawning of movemble articles; but this distinction is not universal. A mortgagor is राडिन rāhin, and a mortgagee is स्राचिन murtahin, but these words are seldom used. The villagers prefer to uso words like खडुका khaduku, खडुक khadduk, or

चसानी asāmi for the former, and सचाजन mahājan for the latter. In Patna a mortgagor is सुजेरा mujera, and in Shahabad a mortgagee is बेव-चिर्या beohariya.

and interest are extinguished by being paid out of the profits of the land mortgaged for a fixed period, is परीचा pataua, परीचा परीचा sataua pataua, or संशोधा परीचा sadhaua pataua. सूद भराना sād bharna is similar, but the usufruet is only instead of interest, the principal remaining to be paid by the mortgagor. A ने विच चपा (المنا الله الله الله الله الله bil wafa is a mortgage of property for a fixed period, in which, if the total debt is not repaid within the period, the property becomes the mortgagee's in satisfaction of the debt. Money advanced on the security of standing crops is to the north चारी lāgi.

CHAPTER VI.-MISCELLANEOUS.

- 1483. An invoice or manifest is बीज क bijak, and also to the east विद्वा chittha or फिरिस phirist. Insurance is बीमा bima, with a variant बींबा biñwa in Shahabad. In the south-west of the latter district it is इन्हा भारा hunda bhāra. Something additional given to a purchaser is north of the Ganges चलुका ghalua or स्नाम समा विकेत sābh. In South-East Tirhut it is also जाम lābh, and in South-West Tirbut बरन्कत barkat. South of the Ganges it is generally फाव phāo or fugur pichhua. A variant of the latter is ugur pachhua in the south-east. Another name is चुटन्की chutki in Patna. जग jūg is similarly used by women when making petty purchases, especially of vermilion (सन्तर senur) and collyrium (forth missi). Other names for this are मॅगन्नी mangni to the west and in South Tirhut. मॅगन्नी चॅमन्त्री mangni changni in Patna, जाया घोजी lawa gholi north of the Ganges generally, with gan lawa dua in South-West Tirhut, and भारी danti. बंद्याना beana or वयाना bayana is a handsel given by the buyer to the seller to secure his purchase.
- 1484. गमा galla is at hole in the ground or a bag under the shop-keeper's seat in which he keeps his money. To test coin is वृक्षव būjhab, डोकब thokab, परन्छव parkhab, जाँचव jānchab, बजाप्रव bajācb, or चंकन्वव anknab. In the south-east it is परेखव parkhab. A moneytester is परन्छी parkhi or परिखया parakhiya, or जाइन्वेया jachwaiya. In the south-east he is परिखया parakhiya. In Patna he is परिख parikh.

and in Gaya रोकरिया rokariya. To test the correctness of scales is साथ जैव sādh leb. In Patna and the south-east it is भारा करव dhāra karab, and in Shahabad पासँघ देखल pāsangh dekhal. To test a weight is ताड़व tārab or साधव sādhab.

- 1485. Capital is पूँजी pānji or पृञ्जी punji, and capital out at interest is वियाज biyāju or विधाज beāju. It is also called स्दी वर्षेया sādi rupaiya. The adjustment of accounts is वृक्षार्थ bujhārath north of the Ganges, and पफाई saphāi south of it. In South-West Shahaled it is वृक्षीना bujhauta. To test the entries is जाँच खेव jānch ab er मिखा खेब mila leb. The testing is in Shahabad जाँच मिखान jānch milān. A release in full is फार खनी phārkhatti or फर खनी pharkatti. In the north-west they say in such a case समन्तान को गैंच bhubhtān ho gail, and in the east of Tirhat they say his account is राष चाफ rāph sāph, and in Patna that it is बेबात भेच bebāk bhail. In Patna they say बड़ी पर से नाम उत्तर गेच bahī par se nām utar gel, and in South-West Shahabad नाम घेरल गैंच nām gheral gail, alluding to the custom of encircling the name with a line when the account is cleared off.
- 1486. To become bankrupt is दिवाला निकासन diwâls niksab, or दिवाला सुध को जाएन diwâls sudh ho jāib. To make a man a bankrupt is दिवाला निकासन diwâla nikāsab. A bankrupt is दिवालिया diwâliya. In Tirhut they would say of such a man माक उचार गेंसेन्दि sāk ukkar gelainhi, or दिवाला उचारिक गेंसेन्दि diwâla ukhari gelainhi. In all the above the word may also be spelt देवाला dewâla. In Patna they say बोकर टाट उचार उत्तर है okar tāt ultul hai, in allusion to the custom amongst bankers of a bankrupt turning up one corner of his mat and sitting on it, as a notice of his condition. The action is equivalent to putting up the shutters in England. In connection with this it may be mentioned that Patna is famous for its bankrupts, as in the lines commemorating the three rascals of Bihār:—

भागलन्पूर के भगेलिया, कचलन्गाँव के टम, पटन्ना के दिवालिया, तौनी नामन्जद, सुने पात्रे कपन्दिया, तीनो के तूरे रग.

Bhāgalpūr ke Bhageliya, Kahalgānw ke thag, Patna ke diwāliya, tīno nāmjad,* Sune pāwe Chhaprahiya, tīno ke tūre rag.

The Bhagels of Bhagalpur, the thags of Colgong, the bankrupts of Patna, are all famous (sharpers); but if a man of Chhapra hears this, he will beat them (lit. burst their veins) all (at their own weapons).

1487. A bill of exchange is इन्डी hundi or इन्डी पनी hundi patri; also in Gaya and the south-west पत्तरी patri. The duplicate of the bill is पैंड painth. Also, in Patna City, पेड peth. The third duplicate is परमेंड parpainth or परमेंड parpeth, and the fourth जित्तरी jikri or जिन्तरी jigri. This last is also a letter to a person other than the drawer for the acceptance of his endorsement by the drawer. A letter of advice is समाचारी चिट्टी samāchāri chitthi. A bill payable at sight is दरमने darsani. In Patna such bills by custom bear eleven days' date. If payable after a future date, it is मियादी miyādi or मुदती mudati. One payable five days after sight is called पडेंच परमान pahunch parmān or (in Patna City) पडेंचे दाम pahunche dām. The address at the head of a banker's letter is जोग jog or चिर्न्नामा sirnāma. A bill paid and discharged is खोखा khokha. In Patna it is also सगन्ताम bhugtān, and north of the Ganges समन्तान bhubhtān. To accept a bill is सकारव sakārab. The date on which a bill falls due is called मित्ती mitti, which indeed in mercantile transactions is the general word for dates of all kinds.

1488. A warehouse is मोदाम godām. चराजा harja is demurrage. मचन्द्रच mahsūl or मासूच māsūl is customs, postage, or railway freight, &c. A price-current is निरख नामा nirakh nāma. Cash or specie is नगद nagad, मगन्दा नगन्दी nagda nagdi, or रोक rok. पानामा pāwna is a claim, and रसीद rasīd a receipt टकन्साच taksāl is a mint. Merchandise is चौदागन्दी के माच saudāgri ke māl. Imports are चामन्दनी āmdani, and exports रफन्तनी raphtani.

DIVISION XIV.

WEIGHTS AND MEASURES.

CHAPTER I.—MEASURES OF LENGTH.

1489. The चहुन्त angul is a finger-breadth, equal to about two-thirds of an inch. The width of the four fingers of one hand, i.e., four चहुन्त angul, is called a चौचा chaua. Instead of this, a measure is used in Shahabad called मुद्दा muttha, which is the width of the closed fist. Twelve finger-breadths make one span, which is बिना bitta or बिन्ना billasta, or to the north-east बिन्न-इस्त billast, to the south-east बिन्न-इस्त billast. South of the Ganges a still smaller scale is current. A स्ता sūt is the thickness of thread.

- 3 स्ट्रत sut = 1 पैन pain.
- 3 पैन pain = 1 finger-breadth.
- 1490. In Shahabad and the south-east a finger-breadth is नसूर tassur. In Shahabad and Patna in measuring wood, however, a नसूर tassur equals two finger-breadths, and fourteen of these make one गंज yai or दाय hāth (wood measure). Twenty-four finger-breadths, or six पौचा chaua, or two चिंचा bilta, make one दाँच hāth or दाय hāth, which is a cubit. The दाय hāth is the standard from which the others are taken, and varies from 15 to 20 inches in length, 18 inches being the average.
- 1491. Two cubits make one डेग deg or pace, and also one गज gaj or yard. A गिर्ड girah. गिर्ड gireh, or गिर gire is the length of the forefinger, and 16 go to a गज gaj. Another name for a गिर्ड girah is कनःवाँ kanwān in Patna and Gaya. Three गज gai or six cubits make one जमा lagga or जम्मी laggi, which is also called बाँच bāns

south of the Ganges, and जहा lattha in South-West Shahabad. Another गंज gaj is the चिक्रन्दरी गंज Sikandri gaj, also called बरा गंज bara gaj or बड़का गंज barka gaj, which is 2½ cubits north of the Ganges and 48 fingers or 2 cubits south of it. It was the yard used in land measuring until Akbar's time, and properly equals 26 inches, but has become in the village mind confused with the बरा गंज bara gaj. This is the tailor's yard, and is called by them जन्म मांच katai gaj or क्यों गंज katti gaj. Akbar introduced as the standard measure of the empire the द्वादी गंज ilāhi gaj, equal to $33\frac{3}{4}$ inches, which is still in use in the North-West Provinces.

- 1492. In South-East Tirhut and Patna भाष dhāp equals देन deg or करम kadam, a pace, but elsewhere north of the Ganges and in the south-east it is about half a कोष kos; see below. Another name of this last is मैस mail or मीस mīl, a corruption of the English 'mile.' The रसी rassi or रम-री rasri is equal to 20 समी laggi or 120 cubits. In South-West Shahabad 70 cubits make a रसी rassi. Generally 60 रसी rassi make one कोम kos, but in South-West Shahabad it is 50 रसी rassi. The कोम kos varies greatly in length in different districts. An ordinary कोम kos is however 60 रसी rassi, 1,200 समी laggi, or 3,600 मझ gaj or yards, or 80 yards more than two miles. The मौकोम gankos is a vague measure of distance, as far as a cow's bellow can be heard. A कमा कोम kachcha kos is a short कोम kos, and माम dhāp (see above) is generally about a mile.
- 1493. A cubit used in measuring earthwork and well-sinking is নামো tarha to the north-west and অনির khanit (literally, digging) in the south-west. In South-West Shahabad and South-East Tirhut it is জ্বনা khanta. In Gaya it is নামো tarra, and to the south-east নিজনালী gilandāji (which means simply earth-work). In digging a well the depth is measured in men's heights, called पুনিষ pūris, &c. See § 923.
- 1494. The following table shows the relative value of the principal measures of length.

	DENGIN.						427		
Sat or thread.	es	6	98	108	216		1,296	25,920	1,555,200
	Pain	.	12	36	23	#	£33.	8,640	518,400
		Anguli, or finger-breadtn.	ৰ্য	23	+ 2	& 4	#	0.58,9	172,800
			Спаца	က	မ	27	98	052	48,200
				Bittu or span	અ	₩	Si Si	Of a	14,460
					Hoff or cubit	o1 ◆	ъ	021	7,200
						Goj, ot yard	တ	3	3,600
							Lagg, or r.d	50	1,200
						1		R 1888;	60
									2 mile

CHAPTER II.—SUPERFICIAL MEASURE.

- 1495. The पद्धा विगन्दा pakka bigha is fixed at 14,400 square feet, or 1,600 square yards. It is therefore a little less than 1 of the English acre of 4,840 square yards. The कच्चा विगन्सा kachcha bigha varies in every pargana; it is generally smaller than, but is sometimes larger than, the standard. The foundation of the size of the bigha is the समी laggi (see above, § 1491), which varies greatly in the number of cubits which it contains. A square लगी laggi is a घूर dhūr. Twenty घूर dhūr make one कहा kattha, and 20 कहा kattha make one विगन्हा bigha. In Shahabad a कहा kattha is called a विसन्ता biswa. In East Tirhut a विगन्दा bigha is also called करो kūro. North of the Ganges 4 पाइ pāi make one ब्र dhūr; south of it—
 - 9 square चौचा chana make 1 sq. डेग deg or कदम kadam.
 - 1 sq. घुर dhūr.

CHAPTER III.-MEASURES OF PROPORTION.

- 1496. Proportion is generally expressed by saying so many annas in the rupee. Thus 10 annas in the rupee = 10:16; 4 annas in the rupee = 1:4; 8 annas in the rupee = 1:2; and so on. In calculating proportionate shares in estates, two systems are in vogue. In both the estate (भीजा manja or महास mahāl) is the unit. In one system the following is the scale:-
 - 1 मौजा manja or महाल mahāl=16 चाना āna.
 - 1 चाना āna = 20 दाम dām.
 - 1 दाम dām = 20 कोडी kauri.
 - 1 कौडी kauri = 20 बौड़ी bauri.
 - 1 बौडी bauri = 20 फौडी phauri.
 - 1 फौडी phauri = 20 रौडी rauri.

The other system is as follows:-

- 1 मीजा manja or महाज mahāl = 16 चाना āna.
- 1 चाना ana = 12 पार pai.
- 1 पार pāi = 20 कराँन kurānt. 1 कराँन kurānt = 20 मधाँन masānt.
- 1 मर्गांत masant = 20 डिम•िम dismil (? = decimal).
- 1 डिस्टिस dismil = 20 बिस्टिस bismil

The first system is called the Hindūstāni, and the second the English system.

CHAPTER IV.-MEASURES OF WEIGHT.

1497. 25 दाम dām are counted to the pice (पैसा paisa). A इसन्दी damri is a nominal coin equal to 31 दाम dām. The बही addhi is half a दमन्दी damri. The टक्का takka or टका taka = 50 दाम dām or two pice, and the खंखा adhela or (in South-West Shahabad) खंखाना adhelaha, is 12½ दाम dām, or half a pice. The दोकन्दा or दोकन्दा dokra or बदाम chhadām is 6¼ दाम dām, or ¼ of a pice. A pice is also called देवचा dhebua or (in Gaya) कचा kacheha. The बदाम chhadām or sixteenth port of an āna is also called कनन्दि kanuaī, कनन्दी kanwān, or खटाँक chhatānk. The following table will make this clear:—

Däm.	హే	?	1 9∳	51 10	20	100
	Damri.	83	4	600	16	ę
		Спћадат.	21	₹	œ	. 16
			Adhela.	61	4	œ
				Paisa or pict.	æ	∢
				•	Toka.	69
						Ána or anna.

1498. In weighing, the third ratti of 1.875 grains Troy is taken as the standard. From this the following scheme may be drawn up:—

8 रती ratti = 1 माचा māsa = 15 grains Troy.
12 माचा māsa = 1 नोबा tola = 7 dwt. 12 grains Troy or the weight of one rupee.

5 तोसा tola = 1 कन-वाँ kanwān or चराँक chhatānk = 1oz. 17 dwt. 12 grains Troy.

16 कनावाँ kanwān or चराँक chhatānk = 1 च्रा ser = 21b. 6 oz Troy.
40 च्रा ser = 1 सन man = 1001b. Troy = 82.2861b.

Avoirdupois. This is the standard सन man or maund, and 27.222 of these go to the English ton.

For larger weights the str ser is the standard. In local bazārs it varies greatly, not only according to locality, but according to goods sold. The bazār ser is named as containing so many nur ganda, a nur ganda consisting of four nint tola or sometimes four pice, and being a constant quantity.

1499. In weighing gold, jewels, &c., the standard is the red seed (abrus precatorius) called the কৰেলনী karjani, ভাত lāl, or কছা নৌ kuchchi ratti. It is said to weigh three barleycorns (জী jau).

The jeweller's scale is as follows:-

3 on jau = 1 end lal.

4 ditto = 1 रत्ती ratti.

2 जाज $lal = 1\frac{1}{2}$ रती ratti.

4 रत्ती ratti = 1 चौरत्ती chauratti.

51 ditto = 1 ani.

8 ditto = 1 मासा māsa, मसा massa, or मसिका masika = 15 grs. Troy.

10½ ditto = 1 दुषशे duannı.

8 दुवजी duanni or 10 द्व साधा māsa = 1 दक dhak or (in South-West Shahabad) दाका dhāka, which is the weight of a rupee = 6 dwts. 6 द्व grs. Troy.

12 माचा māsa = 1 मोचा tola = 7 dwts. 12 grs. Troy. Here it will be seen that the jeweller's rupee is less than a tola.

1500. The following weights are common throughout Bihar:-

ver chhatanki = $\frac{1}{16}$ of a ser.

सम्बद्ध adhpai, सभाज adhpāü, or सभागी adhpaua = i of a ser पान pāwa, or पौचा paua = i of a ser.

चध्रसेरा adhsera or चसेरा asera = 1 a ser.

तिनन्पीचा timpaua = } of a ser.

सबैधा sawaiya, properly 11 ser; really 1 of a परेती pase-i.

हेंड सेर derhseri = 11 ser.

बहा arha, बहैया arhaiya, properly 21 ser; really 1 of a पश्चरी paseri.

तिन-धेरा tinsera or तिन-धेरी tinseri = 3 ser.

चर-मेरा charsera or चर-मेरी charseri = 4 ser.

पहोरी paseri, also (in Shahabad) पनःसेरा pansera, or पनःसेरी panseri. This is properly 5 ser, but varies greatly. It is usually said to be 7 ser kachcha, but is sometimes only 5 or 6. Vegetable-sellers generally call it 6 ser.

and dhāra = 10 ser. In Shahabad it sometimes means 5 ser.

APPENDIX.

FORMS OF ACCOUNTS USED IN A LANDLORD'S OFFICE IN PATNA.

1.

खमःरा दानाबन्दी Khasra Danabandi.

YEAR, -

Khasra Danabandi of the

Crop in the Estate of

DATE. --

Name of tenant.	Length.	B readth.	Area of plot.	Kind of crop.	Amount of crop estimated.
1					

1a.

निरिज नारीखन्यार Tirij Tarikhwar.

YEAR,-

Tirij Tārīkhwār of the Khāsra Dānābandi of Village

Date.	Total area of crop estimated.	Total amount of crop estimated.

2.

खमन्दा बटाइ Khasra Batāi.

YEAR.-

Khasra of Division of

Crop in the Estate of

Date. --

Name of tenant.	Area.	Kind of erop.	Amount of grain.	Landlord's share.	Dahiyak.*	Pansera.†	Total of columns 5 to 7.
							-

2a.

Abstract of the above.

(1) Date	•••	•••	\	
(2) Area	•••	•••	\	
(3) Total amount of gr	rain	•••		
(4) Landlord's share	•••	•••		
(5) दहियम dahiyak*	•••	•••		n the original, the columns
(6) पनम्बरा panserat	•••	***	\	run across the page
(7) Total	•••	***	∤	instead of from top
(8) सोनागी sonari (we	ighman's	fees)		to bottom.
(9) মন্ত্র মদ্দেশসূর ganj a	phjud‡	•••	\	
(10) बहा barhi §	•••	•••	\	
(11) म ङ् ो saddhi	•••	•••		
(12) Total	•••	•••	/	

[•] Vide foot note to form (5).

[†] After the division of crop, dahiyak is added to the landlord's share, to which again 5 seers at added, that quantity being taken from the tenam's share under the name of pausera.

[‡] Grain found in excess at the time of second weighment on the floor after the grain has been taken over by the landlord.

 $[\]S$ Grain found in excess at the time of third weighment, when the grain has been carried to the landlord's granary.

 $[\]parallel$ Grain found in excess owing to swelling, &c., when the whole amount of grain stored has been sold off.

3.

मोफन्रीद Mophrid.

YEAR,-

Mophrid of the Rent in Kind for the

Crop.

NAME OF TENANT,-

Date of Estimate.	Area.	Amount of Crop
	Paddy Sown Broade est.	
Date of Estimate.		Amount of Crop.
	=======	•

Bûsmatti Paddy,

The second secon	T	
Date of Estimate.	Λ rea,	Amount of Crop.
The second of th		and the same and the same and the same and the same of
		AND THE PROPERTY OF THE PROPER

and so on for every kind of grain in the tenant's holding.

Committee of the commit	
Total Arca.	Total Amount of Grain.
	The state of the property of the state of th

3a.

Abstract of the last.

YEAR.-

Name of Tenant.	Total Area.	Amount of Crop.
And the state of t		
	tanka da kalendarin kalendari ya kalendari ya kalendari a da d	

4.

स्रामात Laggit and वाचिस बाकी Wāsil Bāki.

YEAR. -

Laggit of Rents Paid in Kind for the Whole Year.

NAME OF TENANT .--

Kind of grain.	Area.	Total grain.	Share of landlord.	Dahiyak.*	Total due.	Realized.	Balance.
			•				

^{*} Nee note to form 5.

4a.

Abstract of the last.

YEAR. -

Black Paddy.

Jame of Tenant.	Λ rea.	Amount due.
		i

White Paddy.

Name of Tenant.	Area.	Amount due.

5.

तिरिज जिनिसन्बार Tirij Jiniswar.

YEAR. -

Tirij Jiniswar for the Village of

- 1. Name of tenant.
- 2. Area under cultivation.
- 3. Grain duc.
- 4. Dahiyak.*
- 5. Total.
- 6. Amount of maize.
- 7. Ditto of marua.
- 8. Ditto of sathi paddy.

And so on, a separate column being allotted to each crop.

In the original, the form runs across the page in columns, and not from top to bottom.

6.

मियाचा Siyāha.

YEAR. -

Day-book of Reccipts and Disbursements of Grain. Date.—

Receipts.	Disbursements.		Amount.	
From so and so— Sāthi paddy 5 maunds Broadcast paddy 2 " }	7 maunds	Sent to the landlord Sold, viz		
From so and so	*****	Total Mds.		
Total Mds		Balance Mds.	•••	

^{*} This is the amount the landlord receives in addition to his half share. South of the Ganges he generally realizes 5 see per man, i.e. he receives 9 see in every 16 see, the tenant's share being 7 see. This division of crop is called " नीस्सा nausatta," i.e. 9-7 See § 1966.

6a.
Abstract of above, or खवार-जा Awārja.

RECEIPTS.	Expenditure.		
Amount of Grain.	Date.	Amount of Grain.	
		,	

7. दिसाव विकन्दी गुक्का Hisāb Bikri Galla.

YEAR.~

Date.	Amount sold.	Rate.	Price realized.

GU-CI Khasra.

YEAR.-

Khasra showing the Measurements of Lands let at Cash Rates in the Village of

DATE.-

Length.	Breadth.	Area.	Class of Land or rate per bigha.
	Length.	Length. Breadth.	Length. Breadth. Area.

8a.

Abstract of the above.

YEAR.-

Tirij Khasra showing the Measurements of Lands let at Cash Rates in the Village of

Date.	Λrea.
-	

मोफन्सीइ Mophred.

Mophrid of the Lands paying Cash Rates in the Village of

YEAR.-

NAME OF TENANT .--

At Rs. 4 per bigha.

Date of Measurement.	Arca.
:	
At Rs. 3 per	
At Rs. 3 per. Date of Measurement.	

9a.

Abstract of the above.

Year.— Tirij Mophrid of the Lands paying Cash Rates in the Village of

Name of Tenant.	Area held by him.	Rent.
	:	

10.

समात Laggit and वासिस-बाकी Wāsil-bāki.

YEAR.-

Laggit of Rents payable in Cash in the Village of

NAME OF TENANT .-

		anna difficienza de la lateración de la constanta de la consta		
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		namen delikin ya maken kisha awaken		
	and the state of t			
			•••	
•••	•••	•••	•••	
in kind fo	r the year	•••	•••	
•••	•••	•••	•••	
***		•••	•••	
•••	•••	•••	•••	
	•••	in kind for the year	in kind for the year	in kind for the year

10a.

Abstract of the above.

YEAR. -

বিহিল কমিব Tirij Laggit of Lands paying Cash Rates in the Village of
At Rs. 4 per bigha.

Name of Tenant.	Area.	Pent.

At Rs. 3 per bigha.

Name of Tenant.	Arca.	Rent.

and so on for each rate of rent.

11. विशेष पढेवारी Tirij Palewāri for the Village of

Class of	Land or	Degrees of	Rate.	Area.	Rate.	Rent.
1st class	•••	• # •	•••	•••••		
2nd do.	•••	•••	•••	*****	•••••	
And so on	•••	•••	•••		•••••	
					l	

वियाचा Siyāha.

YEAR.--

Day-book of Receipts and Disbursements of Cash.

Date.—

Receipts.		Expenditure.	
Name of Tenant.	Amount paid.	Description of expenditure.	Amount.

BALANCE,

12a.

Abstract of the above, or various Awarja, showing Expenditure only.

Amount sent to Landlord.

Date.	Amount.

APPENDIX.

Salary of Village Establishment paid.

Date.	Amount.
	And the second s
	and the of the delices of Male and the household in process of the other delices of the delices
5 9 204 3 44 24	
गिलनम्दाजी Gilandāji 🎉 xpense	es (Repairs to Embankments, &c.)
Date.	$oldsymbol{\Lambda}$ mount.
atengan tahun tengan pada dan pengangan pangan mapamagatan salah da P mana tahungan tahun kana bangan da kampa	The state of the s
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	_
	pplied to the मोड्स Gorait, who takes the Landlord).
	pplied to the गोहेत Gorait, who takes the Landlord).
Money to	the Landlord).
Money to	the Landlord).
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Money to	the Landlord).
Money to	the Landlord).
Money to	the Landlord).

मोलन्डकी Molhaki.

YEAR.-

Molhaki of Payments in Cash and Kind for the Whole Year.

NAME OF TENANT .-

CASH PAYMENTS.		PAYMENTS IN KIND.		
Date.	Amount.	Date.	Amount of Grain	

13a.

Abstract of the above.

YEAR. -

Total amount paid by him in cash.	Total amount paid by him in kind.
•	him in cash.

Tyr Dhaddha.

(In the original, the columns run across the page, instead of from top to bottom. The various cesses, &c., named are only samples, and differ in every village.)

YFAR. --

Dhaddha Wasilbaki for the Whole Year in the Village of

Columns.

- (1) Name of tenant.
- (2) Area of holding in subheads according to rate and class.
- (3) Rent.
- (4) রুদ্দী duanni.*
- (5) Weighman's fees (सोनारी sonari).
- (6) काह चराद kāh charāi.†
- (7) को टी सोरा kothi sora.‡
- (8) मोतरफा motarpha.§
- (9) বিকাৰী ঘাৰ bikri am (price of mangos).
- (10) तार tar (rent of toddy-palms).
- (11) Rent for mahua trees.
- (12) महन्ती machhli (fishery-dues).
- (13) Total of above.
- (14) Egi min batta mål.
- (15) ब्हा कम्पनो batta kampani.॥
- (16) Road-cess.
- (17) Unrealized grain-rent.
- (18) Arrears.
- (19) Grand total of demand.
- (20) Deduct share of other landlords.
- (21) Remainder, i.e., fetti tett hissa khas (own share).
- (22) Realized.
- (23) Balance due.
- (24) Credit, realized in excess.

^{*} See § 1201.

 $[\]dagger$ Dues for grazing cattle. All cattle, except buffalos, are generally exempt. Each buffalo is charged at from 2 to 4 annas a year. See § 1151.

[!] Rent of a saltpetre factory.

 $[\]S$ Rent of houses occupied by shopkeepers, oil-men, weavers, and other non-cultivating tenants. See \S 1201.

[|] See § 1202. These are only charged on rent of land and on old settlements of other kinds. For instance, if a new settlement is made of toddy palms, it is made in Company's rupees, and no exchange rate is added to the rent. The addition of a rate of exchange, in fact, depends on whether the settlement is made in old coinage or in new; and according to custom, rent of land is generally settled, even at the present day, in the old coinage, but not so other rents.

जमाबन्दी Jamābandi.

for the Whole Year

Jamābandi of Village

F. S.

Note.—The order of the items has been reversed for the sake of clearness. In the original, according to native custom, the totals are written first, and under them the subsidiary items. For a similar reason imaginary figures have been written against the various

		1	A THE RESIDENCE OF THE PARTY OF	1			Area.	Demand.
							В. к. рн.	Rs. A. P.
Land of 1st class, at Rs. 4	:	:	:	:	÷	:		800 0 0
Ditto 2nd ditto 3	:	:	:	:	:	:	800 0 0	2,400 0 0
Ditto 3rd ditto 2-8	:	:	:	:	÷	:	0	
Diffe 4th diffe 2	:	:	:	:	:	:	0	1,000 0 0
. TO OR								
Total area under cultivation	:	:	:	:	:	:	2,000 0 0	
Add area not under cultivation		:	:	:	÷	:	0 0 00	
Total area of village	:	:	:	:	:	:	2,100 0 0	
Total rent-demand	; ;	:		:	:	:	:	5,450 0 0
Add cesses (only legal ones ent	ered here)			:	:	:	:	300 0 0
सायर sayar (1.6., miscellaneous	nghts, e.g.,	nshing-rights.	Cf. § 1232)	:	:	:	:	250 0 0
			Total demand under jamübandi	under jam	ābandi	:	:	0 0 000'9
							•••	

चनाखरन् Jamakharch.

מאופרים קמיים מייים

Note.-The order of items has been reversed as in No. 15, from which also the imaginary figures are carried into this form. F. S. for the Whole Year Jamakharch of Village

			Α.	rre.	NDIX.						
	Rs. A. P.		4,500 0 0	angung wasang	747 0 0		153 0 0	Silvery Albert		1,350 0 0	6,750 0 0
	Rs. A. P.	4,000 0 0 500 0 0	500 0 0	247 0 0		150 0 0 3 0 0	:	50 0 0	1,100 0 0 200 0 0		:
OUTGOINGS.	Nature of Outgoings.	Realized in cash and remitted to landlord 4,000 0 0 Ditto in kind ditto ditto	Total remitted to landlord Village expenses— Salary of establishment	गिलचानो qilandaji* expenses	Total village expenses	पनियोचा paniyochat बरामन्ता garāmta* And so on in detail	Total miscellaneous expenses	With the gumāshta (in hand)	in detail) With the grain-merchants	Total balance	GRAND TOTAL
	Rs. A. P.			350 0 0		The Wagner of the Park Street or Par				6,400 0 0	6,750 0 0
	Rs. A. P.		300 0 0 50 0 0			6,000 0 0		0 0 00		:	:
DEMANDS.	Nature of Demands.	Balance of arrears of previous year's jama-kharch-	(a) Principal (b) Interest thereon, and fines, &c., on defaulters in respect to it	Total Balance	Demand for present year—	:	(9) 1900 in James and the control of	excluded from the jamābandi)		Total for present year	GRAND TOTAL OF DEMAND

This last balance is technically called arraft lagi. * See No 12a | † Price of water supplied by a neighbouring landlord for irrigation.

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